

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020126096"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/31 08:52
L2	1	("20020126097").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 08:54
L3	1	("20070157122").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 08:54
L4	1	("6307549").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 08:55
L5	1	("6562078").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 08:55
L6	1	("6411822").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 08:55
L7	1	("6556841").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:36
L8	1	("20040239533").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:37
L9	1	("20060028358").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:38
L10	1	("20040168131").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:38
L11	1	("5664896").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:39
L12	1	("20030104839").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:39
L13	1	("5818437").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 09:39
L14	1	("6801190").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 10:04

## EAST Search History

L15	1	("7155683").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/31 10:06
L17	6	("2388938").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/31 10:06
S1	63	715/812.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/31 08:51
S2	208	word same letter same input same keystroke	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/27 17:44
S3	1	("20030104839").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:01
S4	1	("20020126097").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:05
S5	1	("6278453").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:07
S6	2	("1031913").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:07
S7	1	("20070157122").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:18
S8	1	("5847697").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:19
S9	1	("5487616").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:19
S10	1	("5664896").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/27 17:44

## EAST Search History

S14	1	("5487616").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:04
S15	1	("5945928").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:06
S16	1	("5953541").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:07
S17	1	("6011554").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:09
S18	1	("6286064").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:10
S19	1	("6307549").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:11
S20	1	("20020196163").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:17
S21	1	("20030193478").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 13:20
S22	1	("20060119582").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 14:37
S23	1	("5818437").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/28 14:37
S24	1	("6801190").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/08/29 14:18
S25	2210	word near3 choice	US-PGPUB; USPAT; EPO	ADJ	ON	2007/08/30 17:02
S26	9	providing near3 word near3 choice	US-PGPUB; USPAT; EPO	ADJ	ON	2007/08/30 17:01
S27	63	715/812.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 17:02

## EAST Search History

S30	63	S27	US-PGPUB; USPAT; EPO	ADJ	ON	2007/08/30 17:03
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## Patent Abstracts

File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200754

(c) 2007 The Thomson Corporation

Set Items Description

- S1 2460436 WORD? ? OR TERM? ? OR LETTER? ? OR TEXT? ? OR WRITING OR P-RINT???
- S2 1900874 INPUT??? OR IN()(PUT? ? OR PUTTING)
- S3 2965 KEYSTROKE? OR KEY()(STROKE? OR ACTION? OR LOG???) OR KEYLOG???
- S4 70614 (MATCH? OR COINCIDE? ? OR COINCIDENT OR COMPARE? ? OR COMPARATIVE OR COMPARI? OR CONCURREN?? OR CORRELAT??? OR CORELAT?? ? OR CORRESPOND? OR RECONCILE? ? OR RELATE? ? OR SIMILAR OR - CONFORM? )(3N)S1
- S5 6998240 CHOICE? ? OR OPTION? ? OR PICK??? OR SELECT? OR DECID??? OR SPECIFY??? OR SPECIFIE? ? OR DETERMIN??? OR CHOOS??? OR DESIGNAT??? OR INDICAT??? OR STIPULAT??? OR CHOSE? ? OR ELECT??? - OR OPT? ? OR OPTING
- S6 168106 S5(3N)(SEQUENCE? OR SERIES OR CONTINUANCE? OR CONTINUITY OR PROGRESSION OR COMPLET??? OR SUCCESSIVE OR PATTERN?)
- S7 6738061 STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RECORDING OR COLLECT??? OR MAINTAIN??? OR MAINTENANCE OR KEEP??? OR RETAIN??? OR SAVE? ? OR SAVING OR PRESERV??? OR PRESERVATION OR RETENTION OR HOLD??? OR KEPT
- S8 197991 PDA? ? OR (PERSONAL OR PRIVATE OR PORTABLE)(2N)(DIGITAL OR DATA OR INFORMATION OR ASSISTANT? OR ORGANIZER? OR DEVICE? OR ACCESS) OR PALMTOP? ? OR PALM()(PILOT? ? OR TOP? ? OR VII) OR PID? ?
- S9 355174 (CARRY OR CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO OR HANDHELD OR HAND()HELD? ? OR MOBILE OR PORTABLE)()(PHONE - OR UNIT OR DEVICE OR APPARATUS OR APPTS OR PAGER OR TERMINAL - OR TELEPHONE OR FONE) OR PHS OR PCS OR BLUETOOTH OR RIO OR BLACKBERRY
- S10 460134 S8 OR S9
- S11 34 S3(5N)S4
- S12 8 S11 AND S6
- S13 4 S12 AND S10
- S14 2 S13 NOT AY=2003:2007
- S15 7 S11 AND S6 AND S7
- S16 4 S15 AND S10
- S17 2 S16 NOT S14
- S18 0 S17 NOT AY=2003:2007
- S19 12 S11(5N)S2
- S20 9 S19 AND S10
- S21 4 S20 NOT AY=2003:2007
- S22 3 S21 NOT S14
- S23 10363 S6(5N)S7
- S24 2 S23 AND S4 AND S3
- S25 1 S24 NOT (S21 OR S14)
- S26 32 S23 AND S4 AND S10
- S27 20 S26 NOT AY=2003:2007
- S28 11 S27 NOT (S25 OR S2)

S29 10 S23 AND S3 AND S10  
S30 6 S29 NOT AY=2003:2007  
S31 5 S30 NOT (S27 OR S21 OR S14)  
S32 59 AU=(NG, E? OR NG E?)  
S33 4811 AU=(OH, J? OR OH J?)  
S34 565 AU=(TAN, C? OR TAN C?)  
S35 3 S32 AND S33 AND S34

14/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0013532676 - Drawing available  
WPI ACC NO: 2003-626117/200359  
XRPX Acc No: N2003-498222

Input data handling method in cellular phone, involves displaying  
candidates of directory, matching with keystroke sequence, for selection  
of word by user, which is added to directory if specified condition is  
satisfied

Patent Assignee: BENNER J (BENN-I); HANSEN L B (HANS-I); KORHONEN P  
(KORH-I); KRAFT C (KRAF-I); MARILA J (MARI-I); NOKIA CORP (OYNO);  
PEDERSEN C A (PEDE-I)

Inventor: AAGAARD P C; BENNER J; BOHN H L; HANSEN L B; KORHONEN P; KRAFT C;  
MARILA J; PEDERSEN C A

Patent Family (3 patents, 31 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030104839	A1	20030605	US 2001993513	A	20011127	200359 B
EP 1320023	A2	20030618	EP 200226156	A	20021125	200359 E
US 7149550	B2	20061212	US 2001993513	A	20011127	200701 E

*Printed*

Priority Applications (no., kind, date): US 2001993513 A 20011127

#### Patent Details

Number	Kind	Lang	Pg	Dwg	Filing	Notes
US 20030104839	A1	EN	14	8		
EP 1320023	A2	EN				

Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Input data handling method in cellular phone, involves displaying  
candidates of directory, matching with keystroke sequence, for selection  
of word by user, which is added to directory if specified condition is  
satisfied

Alerting Abstract...USE - For communication terminal (claimed) such as  
cellular phone

#### Original Publication Data by Authority

#### Original Abstracts:

...terminal is handled by recording a key stroke sequence inputted for  
characterising one of said words, and comparing said key stroke  
sequence with candidates in a word completion directory in order to find  
word completion candidates matching said key stroke sequence. One of  
said matching word completion candidates is displayed in the display  
for selection by the user. When the user...

...terminal is handled by recording a key stroke sequence inputted for  
characterising one of said words, and comparing said key strokes  
sequence with candidates in a word completion directory in order to find

word completion candidates matching said key stroke sequence. One of said matching word completion candidates is displayed in the display . for selection by the user. When the user ...terminal is handled by recording a key stroke sequence inputted for characterising one of said words , and comparing said key strokes sequence with candidates in a word completion directory in order to find word completion candidates matching said key stroke sequence. One of said matching word completion candidates is displayed in the display for selection by the user. When the user selects a word which excee...

**Claims:**

...terminal, comprising steps of: recording a key stroke sequence inputted for characterizing one of said words ;providing words matching said key stroke sequence for selection by the user;comparing said key stroke sequence with candidates in a word completion directory in order to find word completion candidates matching said key stroke sequence;displaying one of said matching word completion candidates in the display for selection by the user; andadding a word to said word completion directory if the user selects the word matching said key stroke sequence and the selected word both exceeds a first predetermined number of characters and is not present in the...

...terminal, comprising steps of: recording a key stroke sequence inputted for characterizing one of said words ; comparing said key strokes sequence with candidates in a word completion directory in order to find word completion candidates matching said key stroke sequence;displaying one of said matching word completion candidates in the display for selection by the user; andadding a word selected...  
terminal, comprising steps of: recording a key stroke sequence inputted for characterizing one of said words ; comparing said key stroke sequence with candidates in a word completion directory in order to find word completion candidates matching said key stroke sequence;displaying one of said matching word completion candidates in a display for selection by the user; andadding a word selected...

14/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013012042 - Drawing available

WPI ACC NO: 2003-090324/200308

XRPX Acc No: N2003-071307

Alphanumeric data input method for mobile telephone, involves displaying text corresponding to matching keystroke sequence identified from dictionary, on electronic device display

Patent Assignee: SAVOLAINEN S J P (SAVO-I)

Inventor: SAVOLAINEN S J P

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020126097	A1	20020912	US 2001799490	A	20010307	200308 B

*Printed*

Priority Applications (no., kind, date): US 2001799490 A 20010307

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes



**Alphanumeric data input method for mobile telephone, involves displaying text corresponding to matching keystroke sequence identified from dictionary, on electronic device display**

**Alerting Abstract** . NOVELTY - A dictionary having stored **keystroke sequences respectively corresponding to text associated with an electronic device operation mode, is selected**. A matching **keystroke sequence** is identified from the dictionary, on comparing keystrokes for a keystroke sequence with the stored **keystroke sequences**. **Text corresponding to the matching keystroke sequence is then displayed on an electronic device display**...USE - For inputting alphanumeric data on portable electronic devices such as **mobile telephone, personal digital assistant (PDA), pager, computer system, etc**

...**ADVANTAGE** - Enables a user to enter only one **keystroke per letter of the desired text, such that a matching keystroke sequence is identified from the dictionary and the related text is then displayed, hence the user is enabled to enter a desired text with reduced**

...**DESCRIPTION OF DRAWINGS** - The figure shows the front view of **portable electronic device with reduced keyboard system**  
**Original Publication Data by Authority**

**Claims:**

...selecting a dictionary associated with the mode of operation of the electronic device, wherein the **dictionary includes stored keystroke sequences respectively corresponding to text associated with the mode of operation; comparing the keystrokes for the keystroke sequence with the stored keystroke sequences in the dictionary; identifying at least one matching keystroke sequence from the dictionary; and displaying the text corresponding to the at least one matching keystroke sequence on a display of the electronic device as a textual representation associated with the keystroke sequence.**

22/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0014446074 - Drawing available  
WPI ACC NO: 2004-636850/200462  
Related WPI Acc No: 2000-588838  
XRPX Acc No: N2004-503177

**Mobile phone controls editor application to add flag to position of partial fixing of compound word, if required to wrap portion of compound word during displaying**

Patent Assignee: NOKIA CORP (OYNO)

Inventor: HAESTRUP J

Patent Family (1 patents, 19 countries)

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1452952	A1	20040901	EP 2000301285	A	20000218	200462 B
			EP 200476668	A	20000218	

Priority Applications (no., kind, date): GB 19994014 A 19990222

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1452952	A1	EN	18	11	Division of application	EP 2000301285
					Division of patent	EP 1031914

Regional Designated States, Original: AT BE CH CY DE DK ES FI FR GB GR IE  
IT LI LU MC NL PT SE

Mobile phone controls editor application to add flag to position of partial fixing of compound word, if...

Alerting Abstract USE - Mobile phone e.g. cellular phone. This technique is also applicable for cordless phone.

...

...The figure shows a sequence of displays illustrating the handling of the compound word in mobile phone.

#### Original Publication Data by Authority

#### Claims:

...stroke, and being used as input to the predictive editor program; means for storing a list of matching words received from said predictive editor program; said processor means (18) combines the text string and one word from...

22/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013271033 - Drawing available

WPI ACC NO: 2003-357007/200334

Related WPI Acc No: 2000-588837

XRPX Acc No: N2003-285254

Mobile phone combines and displays portion of input text string and word selected from list of matching words received from predictive editor program

Patent Assignee: NOKIA CORP (OYNO)

Inventor: WILLIAMS S

Patent Family (1 patents, 4 countries)

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
EP 1296216	A1	20030326	EP 2000301072	A	20000211	200334 B
			EP 200229094	A	20000211	

Priority Applications (no., kind, date): GB 19994013 A 19990222

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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EP 1296216 A1 EN 18 11 Division of application EP 2000301072  
Division of patent EP 1031913  
Regional Designated States,Original: DE FR IT SE

**Mobile phone combines and displays portion of input text string and word selected from list of matching...**

**Original Titles:**

...A **mobile phone** having a predictive editor application...

**Alerting Abstract USE - Mobile phone** with predictive editor application for editing text for message handling, phone book editing and searching...

**Original Publication Data by Authority**

**Original Abstracts:**

A **mobile phone** having a **display**; a keypad having a plurality of keys associated with several letters each; processor means controlling the

...

...least one language dependent dictionary and at least one dictionary receiving user defined inputs. The **mobile phone** has an editor application controlled by the **processor means** for editing a text based on the predictive editor programs interpretation of key strokes. The...

...a new key stroke, and being used as input to the predictive editor program; means for **storing a list of matching words** received from the predictive editor program; The processor means combines the text string and one...

**Claims:**

A **mobile phone** having : a display; a keypad having a plurality of keys associated with several letters each and a...

...stroke, and being used as input to the predictive editor program; means for storing a **list of matching words** received from said predictive editor program; said processor means combines the text string and one word from the...

**22/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0010275875 - Drawing available

WPI ACC NO: 2000-588838/200056

Related WPI Acc No: 2004-636850

XRPX Acc No: N2000-435755

**Communication terminal for cellular or cordless phone or communicator in which predictive error application is provided for entering and editing data, such that editor is used for editing text for message handling**

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO)

Inventor: HAESTRUP J

**Patent Family (3 patents, 26 countries)**

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1031914	A2	20000830	EP 2000301285	A	20000218	200056 B
GB 2347240	A	20000830	GB 19994014	A	19990222	200056 E
US 6223059	B1	20010424	US 2000510597	A	20000222	200125 E

Priority Applications (no., kind, date): GB 19994014 A 19990222

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1031914	A2	EN	15	11		

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI

**Communication terminal for cellular or cordless phone or communicator in which predictive error application is provided for entering and editing data, such...**

**Alerting Abstract ...USE - Cellular or cordless phone or communicator in which predictive error application is provided for entering and editing data, such...**

#### Original Publication Data by Authority

#### Claims:

...stroke, and being used as input to the predictive editor program,means for storing a **list of matching words** received from said predictive editor program,said processor means combines the text string and one word from the...

...program,said processor means combines the text string and one word from the list of **matching words for displaying** in the display of at least a part of said text string and one word from the list of matching...

**28/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0013305340 - Drawing available

WPI ACC NO: 2003-392284/200337

Related WPI Acc No: 2001-549493; 2006-500720

XRPX Acc No: N2003-313417

**Patch file generation method involves compressing patch file created from end block list and sorted coincidence list containing selected coincident elements before and after matching words in old and new-word lists**

Patent Assignee: BASIN Y (BASI-I); KRYLOFF S A (KRYL-I); PK WARE INC (PKWA-N); PKWARE INC (PKWA-N)

Inventor: BASIN Y; KRYLOFF S A

**Patent Family (5 patents, 33 countries)**

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
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US 20030028867	A1	20030206	US 1998144666	A	19980901	200337 B
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			US 2001940771	A	20010827	
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CA 2399891	A1	20030227	CA 2399891	A	20020827	200337 E
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EP 1333375	A2	20030806	EP 2002255949	A	20020827	200353 E
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AU 2002300771	A1	20030612	AU 2002300771	A	20020827	200455 E
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US 6952823 B2 20051004 US 2001940771 A 20010827 200565 E

Priority Applications (no., kind, date): US 1998144666 A 19980901; US 2001940771 A 20010827

#### Patent Details

Number Kind Lan Pg Dwg. Filing Notes

US 20030028867 A1 EN 18 14 C-I-P of application US 1998144666  
C-I-P of patent US 6289509

CA 2399891 A1 EN

EP 1333375 A2 EN

Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

**...from end block list and sorted coincidence list containing selected coincident elements before and after matching words in old and new-word lists**

...NOVELTY - Old and new-data versions are sorted alphabetically to create **related word** lists in which each element is associated with a pointer to indicating its location in the data version. Largest sequence of coinciding elements before and after **matching words** in the two lists are stored in a list which is processed and sorted to...

#### Original Publication Data by Authority

#### Original Abstracts:

...new version. Once the two sorted lists (55 and 57) are created, they are recursively **compared one word (W)**, a group of elements (S), at a time to search for a **match** of data. Upon finding a match of data, the first and second sorted lists are...

...sequence of coinciding elements preceding and succeeding the match of data. Each sequence of coinciding **words** is then **stored** in a coincidences list (60). The coincidences list is processed to remove duplicative information and...

...location in the new version. Once the two sorted lists are created, they are recursively **compared one word** (a group of elements) at a time to search for a **match** of data. Upon finding a **match** of data, the first and second sorted lists are searched to find the largest sequence...

...information and a patch file is created. Several patch files may then be aggregated into a secure, **portable** compressed archive to decrease the storage and transfer requirements of the patch file. The compressed...

...of a series of elements. Several patch files may then be aggregated into a secure, **portable compressed** archive to decrease the storage and transfer requirements of the patch file. The compressed archive...

#### Claims:

...in the new version of data; recursively comparing the first and second sorted lists of **words one word** at a time for a **match of the words**; upon finding a **match** of the **words**, searching the **first** and second sorted lists of **words** again to **find** the largest sequence of coinciding elements preceding and **succeeding the match of words**; storing the largest sequence of coinciding elements in a **coincidences** list;

**processing** the coincidences list to remove duplicative coincidences, creating a refined list of coincidences; sorting the...

...comparing the first and second sorted lists of words one word at a time for a **match** of the **words**; upon finding a **match** of the **words**, searching the first and second sorted lists of words again to find the largest sequence of coinciding elements preceding and succeeding the **match** of **words**; storing the largest sequence of coinciding elements in a **coincidences** list; processing the coincidences list to remove duplicative **coincidences**, creating a **refined** list of coincidences; sorting the refined list of coincidences by pointer in the new version data, creating a sorted list of coincidences; **adding** the **pointer** of each coincidence in the new version data to the largest sequence of coinciding elements...

...sorted coincidences list and the end block list; and compressing the patch file into a **secure**, **portable** compressed archive for distribution ...of words indicating the element's original location in the new version of data; recursively **comparing** the first and second sorted lists of words one word at a time for a **match** of the **words**; upon finding a **match** of the **words**, searching the first and second sorted lists of words again to find the largest sequence of coinciding elements preceding and succeeding the **match** of **words**; storing the largest sequence of coinciding elements in a coincidences list; processing the coincidences list to remove duplicative coincidences, creating a refined list of coincidences; sorting the refined list of coincidences by pointer in the new version data, creating a sorted list of coincidences; **adding** the pointer of each coincidence in the new version data to the largest sequence of coinciding elements, creating an end block list; creating a patch file from the sorted coincidences list and the end block list; and compressing the patch file into a...

**28/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0013227527 - Drawing available

WPI ACC NO: 2003-312335/200330

XRPX Acc No: N2003-248751

**Symbol search method for data compression, involves determining whether string of objective symbols matches stored string of symbols, if selected symbol matches stored symbol**

Patent Assignee: CHRISTOFFERSSON J (CHRI-I); KARELL D (KARE-I);  
TELEFONAKTIEBOLAGET ERICSSON L M (TELF)

Inventor: CHRISTOFFERSON J; CHRISTOFFERSSON J; KARELL D

**Patent Family** (9 patents, 96 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030025621	A1	20030206	US 2001309983	P	20010802	200330 B
			US 2002153302	A	20020522	
WO 2003013003	A1	20030213	WO 2002SE1410	A	20020723	200330 E
WO 2003013125	A2	20030213	WO 2002SE1369	A	20020709	200330 E
US 6707400	B2	20040316	US 2002153302	A	20020522	200420 E
EP 1415401	A1	20040506	EP 2002751939	A	20020723	200430 E
			WO 2002SE1410	A	20020723	
AU 2002319995	A1	20030217	AU 2002319995	A	20020709	200452 E

AU 2002355819 A1 20030217 AU 2002355819 A 20020723 200452 E  
JP 2004537910 W 20041216 WO 2002SE1410 A 20020723 200482 E  
JP 2003518066 A 20020723  
CN 1539203 A 20041020 CN 2002815199 A 20020723 200510 E

Priority Applications (no., kind, date): US 2001309983 P 20010802; US  
2002153302 A 20020522

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20030025621 A1 EN 10 6 Related to Provisional US 2001309983

WO 2003013003 A1 EN

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM  
ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG  
ZM ZW

WO 2003013125 A2 EN

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN  
YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG  
ZM ZW

EP 1415401 A1 EN PCT Application WO 2002SE1410

Based on OPI patent WO 2003013003

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR IE IT LI LU MC NL PT SE SK TR

AU 2002319995 A1 EN Based on OPI patent WO 2003013125

AU 2002355819 A1 EN Based on OPI patent WO 2003013003

JP 2004537910 W JA 38 PCT Application WO 2002SE1410

Based on OPI patent WO 2003013003

#### Original Publication Data by Authority

##### Original Abstracts:

...be found by first comparing a chosen symbol that follows the matched string of symbols in the sequence of symbols with a symbol stored in a corresponding position in the dictionary, beginning with another position in the dictionary in...

...by first comparing a chosen symbol that follows the matched string of symbols in the sequence of symbols with a symbol stored in a corresponding position in the dictionary, beginning with another position in the dictionary in ...when a paging distribution handler (120) should forward a low priority page request to a mobile station (130) in order to decrease a processing (blind) load on a processor (140) and to decrease a load on the air...

##### Claims:

...symbols, comprising:matching a string of symbols of the sequence of

symbols, beginning with a **selected** symbol of said **sequence** of symbols, with a **stored** string of symbols, beginning with a first position in the **dictionary** in which the selected symbol is stored, to provide a known matched string of symbols; identifying another position in the dictionary in which the selected symbol is **stored**; choosing a symbol of the **sequence** of symbols that **follows** the known **matched** string of symbols in the **sequence** of symbols; and comparing the **chosen** symbol of the **sequence** of symbols with a symbol **stored** in a corresponding position in the **dictionary**, beginning with the **another** position, to **determine** whether the **symbol** **stored** in the corresponding position matches the chosen symbol, wherein if the comparing step results in...

...performing a longest match search, the method comprising: a) receiving a sequence of symbols to **match** a **word** in the dictionary, b) identifying a symbol of interest at position c(i) in the sequence of symbols, c) initializing a value for an examined position (ep) to be:  $ep = p + k - 1 + n$  where, p is a first position of the symbol of interest...

**28/3,K/8 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008946045 - Drawing available

WPI ACC NO: 1998-498170/199843

XRPX Acc No: N1998-389189

**Audio recorder and player for e.g. portable telephone - has two directories holding address information and record controller which determines record sequence in directories**

Patent Assignee: OKI DENKI KOGYO KK (OKID); OKI ELECTRIC IND CO LTD (OKID); OKI MICRO DESIGN MIYAZAKI CO LTD (OKID); OKI MICRO DESIGN MIYAZAKI KK (OKID)

Inventor: MARUYAMA K

**Patent Family (8 patents, 27 countries)**

Patent		Application			
Number	Kind	Date	Number	Kind	Date Update
EP 867884	A2	19980930	EP 1998105487	A	19980326 199843 B
JP 10268900	A	19981009	JP 199773900	A	19970326 199851 E
KR 1998079783	A	19981125	KR 19986459	A	19980227 200004 E
TW 359833	A	19990601	TW 1998101269	A	19980203 200026 E
US 6092082	A	20000718	US 199818917	A	19980205 200037 E
KR 327286	B	20020509	KR 19986459	A	19980227 200272 E
EP 867884	B1	20030924	EP 1998105487	A	19980326 200363 E
DE 69818331	E	20031030	DE 69818331	A	19980326 200379 E
			EP 1998105487	A	19980326

Priority Applications (no., kind, date): EP 1998105487 A 19980326; JP 199773900 A 19970326

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 867884 A2 EN 15 19

Regional Designated States, Original: AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 10268900 A JA 10

KR 1998079783 A KO 19

TW 359833 A ZH



KR 327286    B   KO        Previously issued patent KR 98079783

EP 867884    B1   EN

Regional Designated States, Original: DE FR GB

DE 69818331    E   DE        Application EP 1998105487

Based on OPI patent EP 867884

**Audio recorder and player for e.g. portable telephone - ...**  
**...has two directories holding address information and record controller**  
**which determines record sequence in directories**

**Original Publication Data by Authority**

**Claims:**

...one of said directories (41, 42), and writing address information in the selected directory to **indicate where said sequence of audio data has been recorded**, said **record controller** selecting said directories cyclically; and a play controller (2, 34) for selecting one of...

...data is recorded on said digital recording medium (3); a record controller (2, 33) for **recording a sequence of audio data** on said digital **recording medium** (3), selecting one of said directories (41, 42), and **writing address information in the selected directory to indicate where said sequence of audio data has been recorded**, said record controller selecting said directories cyclically; and a play controller (2...

...recording the audio data on said digital recording medium, selecting one of said directories cyclically, **writing address information corresponding to the recorded audio data in the selected one of said directories**, and writing tag...

...directories as the directory most recently selected by said record controller; and a play controller **selecting the directory identified by the tag information as the directory most recently selected by the record controller**, and...

**28/3,K/9 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0008387530 - Drawing available

WPI ACC NO: 1997-503304/199746

XRPX Acc No: N1997-419469

**Digital dictionary generating appts. e.g. for speech recognition and navigation systems - has one memory for permanent storage of standard words**

**and sequences of phonemes, and other memory for storing additional words**

**and associated phoneme sequences formed by text-phoneme converter**

Patent Assignee: SIEMENS AG (SIEI)

Inventor: KLEINSCHMIDT P

**Patent Family** (5 patents, 17 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1997037311	A1	19971009	WO 1997DE657	A	19970401	199746 B
EP 891589	A1	19990120	EP 1997918060	A	19970401	199908 E
			WO 1997DE657	A	19970401	
EP 891589	B1	19991006	EP 1997918060	A	19970401	199946 E
			WO 1997DE657	A	19970401	
DE 59700536	G	19991111	DE 59700536	A	19970401	199954 E
			EP 1997918060	A	19970401	
			WO 1997DE657	A	19970401	
US 6804645	B1	20041012	WO 1997DE657	A	19970401	200469 E
			US 1999155858	A	19990322	

Priority Applications (no., kind, date): DE 19613266 A 19960402

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

WO 1997037311	A1	DE	47	8		
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National Designated States,Original: US

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE

EP 891589	A1	DE			PCT Application	WO 1997DE657
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Based on OPI patent WO 1997037311

Regional Designated States,Original: DE FR GB IT SE

EP 891589	B1	DE			PCT Application	WO 1997DE657
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Based on OPI patent WO 1997037311

Regional Designated States,Original: DE FR GB IT SE

DE 59700536	G	DE			Application	EP 1997918060
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PCT Application WO 1997DE657

Based on OPI patent EP 891589

Based on OPI patent WO 1997037311

US 6804645	B1	EN			PCT Application	WO 1997DE657
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Based on OPI patent WO 1997037311

**Alerting Abstract** ...USE/ADVANTAGE - For navigation aid or tourist map,  
**digital personal** telephone book, hotel-reservation, etc. Enables  
flexible, high quality speech recognition.

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...in the documents are selected and dynamically and temporarily added to  
the phoneme dictionary. Phonemes **corresponding** to the added **words** are

generated using a **text** -to-phoneme converter, **and** are then temporarily added to the dictionary. Temporarily added words and their phonemes are dropped...

...selected electronic documents. Phoneme sequences are formed for the additional words which are then temporarily **stored** together with the **additional** words.

**Claims:**

...memory (SP1) for permanently storing standard words and phoneme sequences assigned to the standard words, - **having** a first means (WB) **for selecting** and reading in, as a function of application, any electronic documents to which the arrangement...

...continuously storing, while the dictionary is active for speech recognition use by the application, standard **words** and phoneme sequences **corresponding** to the standard **words** ; a first means for the selection and read-in of arbitrary electronic documents to which the **arrangement** has access, where **one** of the documents **is** selected when the application requires access to the one of the electronic documents; a text-phoneme converter forming phoneme sequences **corresponding** to the added **words** from the one of the documents selected, where the converter is coupled to the first means and a second memory; the second memory temporarily **maintaining** storage of the **added** words and of the phoneme sequences of the added words formed by the text-phoneme...

31/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012668851 - Drawing available

WPI ACC NO: 2002-518894/200255

XRPX Acc No: N2002-410775

**Macro programming method for executing features of cellular telephone , involves defining procedure for retrieving sequence of inputs to execute selected feature**

Patent Assignee: PHILLIPS M S (PHIL-I); QUALCOMM INC (QUAL-N)

Inventor: PHILLIPS M S

**Patent Family** (2 patents, 1 countries)

Patent                      Application

Number      Kind   Date   Number      Kind   Date   Update

US 20020065069   A1   20020530   US 2000727240   A   20001130   200255   B

US 7096010      B2   20060822   US 2000727240   A   20001130   200656   E

Priority Applications (no., kind, date): US 2000727240   A   20001130

**Patent Details**

Number      Kind   Lan   Pg   Dwg   Filing   Notes

US 20020065069   A1   EN   10   5

**Macro programming method for executing features of cellular telephone , involves defining procedure for retrieving sequence of inputs to execute**

selected feature

**Alerting Abstract ...USE** - For programming macros for executing features of **cellular telephone**, **PCS telephone**, vehicle mounted **telephone** and **fixed** location, wireless, local loop telephone...

...or use macros to allow quick access to the desired feature or option using minimal **keystrokes**.

#### Original Publication Data by Authority

#### Original Abstracts:

...The invention comprises a method and apparatus for enabling a user of a personal **wireless communication** handset to define a macro for selectively operating a feature of the personal wireless communication handset and store the macro in **the device**'s memory. The user can then playback the macro to effect rapid operation of the...

#### Claims:

...down through multiple stages of a hierarchical menu structure in to activate a plurality of **selected features** in a predetermined sequence; **storing** said sequence of inputs in a memory; and defining a procedure for retrieving the sequence of inputs from the memory to navigate through the hierarchical menu structure in order to **operate** said **selected features** of the handset.

**31/3,K/3 (Item 3 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0010999198 - Drawing available  
WPI ACC NO: 2001-624323/200172  
Related WPI Acc No: 2001-013358; 2001-040344; 2001-265492; 2001-380367;  
2002-236144; 2003-900195; 2004-040654; 2004-041672; 2004-178267  
XRPX Acc No: N2001-465131  
Access control for portable computer, involves storing user provided sequence of non-alphanumeric keystrokes as graphical password and providing access when sequence of user entered keystrokes matches stored password

Patent Assignee: STARFISH SOFTWARE INC (STAR-N)

Inventor: BODNAR E O

Patent Family (1 patents, 1 countries)

Patent Number	Application	Kind	Date	Number	Kind	Date	Update
US 6278453	B1	20010821	US 199749621	P	19970613	200172	B
			US 1997905463	A	19970804		
			US 1999453609	A	19991203		

*Printed*

Priority Applications (no., kind, date): US 1997905463 A 19970804; US 199749621 P 19970613; US 1999453609 A 19991203

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6278453	B1	EN	13	9	Related to Provisional US 199749621
					Division of application US 1997905463

Access control for portable computer, involves storing user provided sequence of non-alphanumeric keystrokes as graphical password and providing access when sequence of user entered keystrokes matches stored password

...NOVELTY - A recorded sequence of non-alphanumeric keystrokes e.g. FORWARD, BACK, SELECT, etc., provided by a user is stored as a graphical password. Access to computer is provided when sequence of non-alphanumeric keystrokes entered by a user matches the graphical password.

#### Original Publication Data by Authority

#### Original Abstracts:

A portable computing device or "information appliance" having terse user input (e.g., limit set of keys) is provided...

#### Claims:

...controlling access to the computing device, the method comprising: recording a user-provided sequence of key strokes from said non-alphanumeric keys, wherein said recording step includes: recording a user-provided sequence of keystrokes entered from a keypad including at least one input key selected from FORWARD, BACK, SELECT, and HOME input keys; storing the recorded sequence of key strokes as a graphical password, so that said graphical password itself comprises a sequence of non-alphanumeric key strokes from the set of input keys; upon request from a user for access to the computing device, prompting the user to enter the...

...and providing access to the computing device only if the user enters a sequence of key strokes which matches that of the sequence of key strokes stored as the graphical password.

31/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007650797 - Drawing available

WPI ACC NO: 1996-270666/199628

XRPX Acc No: N1996-227503

Conditioning radio telephone with unique identification information - determining whether current NAM data corresponds to default setting and whether key stroke sequence meets protocol for entering NAM data before accepting MIN and SID data

Patent Assignee: NOKIA MOBILE PHONES LTD (OYNO)

Inventor: GRIMMETT A; GRIMMETT A C; O'CONNELL D; O'CONNELL D J; OCONNELL D J

Patent Family (7 patents, 3 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
GB 2296160	A	19960619	GB 199425185	A	19941212	199628 B
EP 717576	A2	19960619	EP 1995308451	A	19951124	199629 E
EP 717576	A3	19961002	EP 1995308451	A	19951124	199645 E
US 5848360	A	19981208	US 1995566789	A	19951204	199905 E
GB 2296160	B	19990519	GB 199425185	A	19941212	199922 E

EP 717576 B1 20010718 EP 1995308451 A 19951124 200142 E  
DE 69521774 E 20010823 DE 69521774 A 19951124 200156 E  
EP 1995308451 A 19951124

Priority Applications (no., kind, date): GB 199425185 A 19941212

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
GB 2296160	A	EN	17	4		
EP 717576	A2	EN	8	4		

Regional Designated States,Original: DE FR GB SE  
EP 717576 A3 EN  
EP 717576 B1 EN  
Regional Designated States,Original: DE FR GB SE  
DE 69521774 E DE Application EP 1995308451  
Based on OPI patent EP 717576

**Conditioning radio telephone with unique identification information...**

**...determining whether current NAM data corresponds to default setting and whether key stroke sequence meets protocol for entering NAM data before accepting MIN and SID data**

#### Original Titles:

... Radio telephone apparatus...  
... Radio telephone apparatus...

...Method and apparatus for programming a radio telephone .

**Alerting Abstract ...The radio telephone has a Number Assignment Module in which is stored a predetermined code at a predetermined...**

...Pref., it is determined if a sequence of key strokes is indicative of the identification data. The accuracy of the key stroke sequence is determined. At least one check character is derived from the key stroke sequence and a check character is displayed on the radio telephone . A signal indicative of the check is sent over the air for verification...

#### Original Publication Data by Authority

#### Original Abstracts:

A method for storing identification data in a Number Assignment Module of a radio telephone . The radio telephone includes a NAM module that is preconditioned to accept NAM data entered with a particular protocol...

...A method for storing identification data in a Number Assignment Module of a radio telephone . The radio telephone includes a NAM module that is preconditioned to accept NAM data entered with a particular protocol.

#### Claims:

1. A radio telephone comprising :<br> a Number Assignment Module (NAM) in which is stored a predetermined code at a predetermined location

...

...A **radio telephone** comprising: a Number Assignment Module (NAM) (9) in which is stored a predetermined code at a predetermined location; means for determining if the **predetermined** code is stored at the predetermined location (5); and replacing means responsive to the means...

...The **radio telephone** has a Number Assignment Module in which is stored a predetermined code at a predetermined...

...The predetermined code is replaced with identification data upon determination that the code is stored **in the** correct location...

...Pref., it is determined if a sequence of **key strokes** is indicative of the identification data. The accuracy of the **key stroke** sequence is determined. At least one check character is derived from the **key stroke** sequence and a check character is displayed on the **radio telephone**. A signal indicative of the check is **sent over** the air for verification.

...8.</b> A method for storing identification data in a Number Assignment Module (NAM) for a **radio telephone** comprising the steps: storing a predetermined code at a predetermined location in the NAM; entering a sequence of **key strokes**; in response to the **entered** sequence of **keystrokes**, determining if the predetermined code is stored at the predetermined NAM location; and replacing the predetermined code with **entered radio telephone** identification data conditional on the result of the determination such that the predetermined code is replaced only if it is **determined** that the **predetermined** code is stored at the predetermined location, the **entered** sequence of **keystrokes** including the **entered radio telephone** identification data.

31/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0005719116 - Drawing available  
WPI ACC NO: 1991-332808/199145  
XRPX Acc No: N1991-255116

**Access control system using portable password issuing system - has both systems generating new password by encrypting stored password and appending random digits to user PIN**

Patent Assignee: ENIGMA LOGIC INC (ENIG-N)

Inventor: BOSEN R J; MUIR J R

**Patent Family** (1 patents, 1 countries)

Patent	Application
Number	Kind Date Number Kind Date Update
US 5060263	A 19911022 US 1988165868 A 19880309 199145 B

Priority Applications (no., kind, date): US 1988165868 A 19880309

**Alerting Abstract** ...The access control system has protected systems and corresponding **portable** password issuing **devices** that generate new authentic passwords by successively encrypting a **stored** password with a **selected** sequence of predefined encryption steps. The protected system generates and displays one or more random digits...

...to encrypting a stored previous password value with encryption steps corresponding to the user's **keystrokes** , and displaying a new password on its display. The user submits his purported new password...

#### Original Publication Data by Authority

#### Original Abstracts:

An access control system is disclosed in which protected systems and corresponding **portable** password issuing **devices** **both** generate new **authentic** passwords by successively encrypting a **stored** password with a **selected** **sequence** of predefined **encryption** **steps** . The protected system generates and displays one or more random digits, selects an encryption sequence...

...to encrypting a stored previous password value with encryption steps corresponding to the user's **keystrokes** , and displaying a **new** password on its display. The user submits his purported new password to the protected system...

**35/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0014775353 - Drawing available

WPI ACC NO: 2005-123022/200513

XRPX Acc No: N2005-106148

**Text input method in e.g. mobile phone, pocket computers, involves displaying data value or symbol assigned to input character or keystroke sequence, and matching letter or word choices associated with character or keystroke sequence**

Patent Assignee: XRGOMICS PTE LTD (XRGO-N)

Inventor: **NG E ; OH J S J ; TAN C F K ; OH J ; TAN C**

**Patent Family** (3 patents, 107 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2005008899	A1	20050127	WO 2004SG190	A	20040630	200513 B
EP 1652310	A1	20060503	EP 2004749213	A	20040630	200629 E
			WO 2004SG190	A	20040630	
US 20070061753	A1	20070315	WO 2004SG190	A	20040630	200722 E
			US 2006564901	A	20060911	

Priority Applications (no., kind, date): SG 20034112 A 20030717

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2005008899 A1 EN 58 10

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW

BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES

FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI

SK SL SZ TR TZ UG ZM ZW

EP 1652310 A1 EN PCT Application WO 2004SG190



Based on OPI patent WO 2005008899  
Regional Designated States, Original: AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR  
US 20070061753 A1 EN PCT Application WO 2004SG190

Inventor: NG E ...

... OH J S J ...

... TAN C F K ...

... OH J ...

... TAN C

**Original Publication Data by Authority**

Inventor name & address:

NG, Edwin ...

... OH J ...

... TAN C ...

... Ng, Edwin ...

... Oh, Joo Seng Julian ...

... Tan, Chin Foo Ken ...

... NG, Edwin ...

... OH, Joo, Seng, Julian ...

... TAN, Chin, Foo, Ken

35/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014477053 - Drawing available

WPI ACC NO: 2004-668712/200465

XRPX Acc No: N2004-529730

**Input method for screen text input system, involves matching location points of path of stroke motion across character on screen, with detection regions, to display data value or data symbol assigned to region that is stroked across**

Patent Assignee: NG E (NGEE-I); OH J S (OHJS-I); TAN C F (TANC-I);  
XRGOMICS PTE LTD (XRGO-N)

Inventor: NG E ; OH J S ; TAN C F

Patent Family (6 patents, 107 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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WO 2004079557	A1	20040916	WO 2004SG46	A	20040302	200465 B
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EP 1599787	A1	20051130	EP 2004716405	A	20040302	200578 E
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WO 2004SG46	A	20040302				
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US 20060119582 A1 20060608 WO 2004SG46 A 20040302 200639 E  
US 2005548697 A 20051216  
KR 2005119112 A 20051220 WO 2004SG46 A 20040302 200652 E  
KR 2005716436 A 20050903  
CN 1777858 A 20060524 CN 200480010637 A 20040302 200663 E  
JP 2006524955 W 20061102 WO 2004SG46 A 20040302 200672 E  
JP 2006508057 A 20040302

Priority Applications (no., kind, date): SG 2003895 A 20030303

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2004079557 A1 EN 61 8

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW  
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES  
FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK  
SL SZ TR TZ UG ZM ZW

EP 1599787 A1 EN PCT Application WO 2004SG46

Based on OPI patent WO 2004079557

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI

FR GB GR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

US 20060119582 A1 EN PCT Application WO 2004SG46

KR 2005119112 A KO PCT Application WO 2004SG46

Based on OPI patent WO 2004079557

JP 2006524955 W JA 34 PCT Application WO 2004SG46

Based on OPI patent WO 2004079557

Inventor: NG E ...

... OH J S ...

... TAN C F

#### Original Publication Data by Authority

Inventor name & address:

NG, Edwin ...

... OH, Joo, Seng ...

... TAN, Chin, Foo ...

... NG E ...

... OH J S ...

... TAN C F ...

... Ng, Edwin ...

... Oh, Joo Seng ...

... Tan, Chin Foo ...

... NG, Edwin ...

... OH, Joo, Seng ...

... TAN, Chin, Foo

35/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013707111 - Drawing available

WPI ACC NO: 2003-804364/200375

XRPX Acc No: N2003-644758

**Keyboard system for small devices e.g. mobile phones, has multi-character keys, each with particular feature, and assigned to keystroke of QWERTY-type keyboard based on mapping arrangement, and database stores data based on stroke**

Patent Assignee: NG E (NGEE-I); OH J J S (OHJJ-I); TAN K C F (TANK-I);

XRGOMICS PTE LTD (XRGO-N)

Inventor: NG E ; OH J J S ; OH J S ; TAN C F ; TAN K C F ; EDWIN N ; FOO K T C ; SENG J O J

**Patent Family (10 patents, 102 countries)**

Patent                      Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2003085505	A1	20031016	WO 2003SG46	A	20030307	200375 B
US 20030193478	A1	20031016	US 2003379419	A	20030304	200382 E
AU 2003225458	A1	20031020	AU 2003225458	A	20030307	200436 E
EP 1497710	A1	20050119	EP 2003746015	A	20030307	200506 E
			WO 2003SG46	A	20030307	
KR 2004107488	A	20041220	KR 2004715780	A	20041004	200526 E
JP 2005521969	W	20050721	JP 2003582624	A	20030307	200549 E
			WO 2003SG46	A	20030307	
CN 1678975	A	20051005	CN 2003810117	A	20030307	200606 E
NZ 536209	A	20060831	NZ 536209	A	20030307	200659 E
			WO 2003SG46	A	20030307	
SG 125895	A1	20061030	SG 20022021	A	20020404	200678 E
US 7202853	B2	20070410	US 2003379419	A	20030304	200726 E

Priority Applications (no., kind, date): SG 20022021 A 20020404

#### Patent Details

Number      Kind    Lan    Pg    Dwg    Filing    Notes

WO 2003085505    A1    EN    89    11

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ  
VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG CH CY CZ DE DK EA EE ES FI  
FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ  
TR TZ UG ZM ZW

AU 2003225458    A1    EN                      Based on OPI patent    WO 2003085505

EP 1497710      A1    EN                      PCT Application    WO 2003SG46

Based on OPI patent WO 2003085505  
Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR  
JP 2005521969 W JA 46 PCT Application WO 2003SG46  
Based on OPI patent WO 2003085505  
NZ 536209 A EN PCT Application WO 2003SG46  
Based on OPI patent WO 2003085505  
SG 125895 A1 EN

Inventor: **NG E ...**

**... OH J J S ...**

**... OH J S ...**

**... TAN C F**

**Original Publication Data by Authority**

Inventor name & address:

**OH J S ...**

**... TAN C F ...**

**... NG E ...**

**... NG E ...**

**... OH J S ...**

**... TAN C F ...**

**... NG, Edwin ...**

**... OH J S ...**

**... TAN, Chin Foo ...**

**... NG E ...**

**... OH J S ...**

**... TAN C F ...**

**... Ng, Edwin ...**

**... Oh, Julian Joo Seng ...**

**... Ng, Edwin ...**

**... Oh, Julian Joo Seng ...**

**... NG, Edwin ...**

**... OH, Joo, Seng ...**

**... TAN, Chin, Foo**

## Patent Fulltext

File 348:EUROPEAN PATENTS 1978-2007/ 200734

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070816UT=20070809

(c) 2007 WIPO/Thomson

Set Items Description

- S1 1216705 WORD? ? OR TERM? ? OR LETTER? ? OR TEXT? ? OR WRITING OR P-RINT???
- S2 544060 INPUT??? OR IN()(PUT? ? OR PUTTING)
- S3 6277 KEYSTROKE? OR KEY()(STROKE? OR ACTION? OR LOG???) OR KEYLOG???
- S4 108477 (MATCH? OR COINCIDE? ? OR COINCIDENT OR COMPARE? ? OR COMPARATIVE OR COMPARI? OR CONCURREN?? OR CORRELAT??? OR CORELAT?? ? OR CORRESPOND? OR RECONCILE? ? OR RELATE? ? OR SIMILAR OR - CONFORM? )(3N)S1
- S5 2291803 CHOICE? ? OR OPTION? ? OR PICK??? OR SELECT? OR DECID??? OR SPECIFY??? OR SPECIFIE? ? OR DETERMIN??? OR CHOOS??? OR DESIGNAT??? OR INDICAT??? OR STIPULAT??? OR CHOSE? ? OR ELECT??? - OR OPT? ? OR OPTING
- S6 178182 S5(3N)(SEQUENCE? OR SERIES OR CONTINUANCE? OR CONTINUITY OR PROGRESSION OR COMPLET??? OR SUCCESSIVE OR PATTERN?)
- S7 1816772 STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RECORDING OR COLLECT??? OR MAINTAIN??? OR MAINTENANCE OR KEEP??? OR RETAIN??? OR SAVE? ? OR SAVING OR PRESERV??? OR PRESERVATION OR RETENTION OR HOLD??? OR KEPT
- S8 126934 PDA? ? OR (PERSONAL OR PRIVATE OR PORTABLE)(2N)(DIGITAL OR DATA OR INFORMATION OR ASSISTANT? OR ORGANIZER? OR DEVICE? OR ACCESS) OR PALMTOP? ? OR PALM()(PILOT? ? OR TOP? ? OR VII) OR PID? ?
- S9 174624 (CARRY OR CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO OR HANDHELD OR HAND()HELD? ? OR MOBILE OR PORTABLE)()(PHONE - OR UNIT OR DEVICE OR APPARATUS OR APPTS OR PAGER OR TERMINAL - OR TELEPHONE OR FONE) OR PHS OR PCS OR BLUETOOTH OR RIO OR BLACKBERRY
- S10 236624 S8 OR S9
- S11 133 S3(5N)S4
- S12 13 S11(100N)S10
- ~~S13~~ 6 S12 NOT AY=2003:2007
- S14 8196 S6(5N)S7
- S15 4 S14(5N)S3
- S16 1 S10(100N)S15
- S17 1 S16 NOT S13
- S18 0 S17 NOT AY=2003:2007
- S19 30399 S1(3N)S2
- S20 159 S19(5N)S6
- S21 5 S20(100N)S10
- ~~S22~~ 2 S21 NOT AY=2003:2007
- S23 2 S22 NOT S13
- S24 816 S2(3N)S3
- S25 44 S24(5N)S7
- S26 1 S25(25N)S10
- S27 1 S25(100N)S10
- S28 1 S27 NOT (S22 OR S13)

S29 0 S28 NOT AY=2003:2007  
S30 176 S10(100N)S14  
S31 69 S10(25N)S14  
S32 1 S31(25N)S3  
S33 2 S31(100N)S3  
S34 2 S33 NOT (S22 OR S13)  
S35 0 S34 NOT AY=2003:2007  
S36 7666 S1(5N)S6  
S37 39 S36(25N)S3  
S38 4 S37(100N)S10  
S39 2 S38 NOT AY=2003:2007  
S40 2 S39 NOT (S22 OR S13)  
S41 54 AU=(NG, E? OR NG E?)  
S42 692 AU=(OH, J? OR OH J?)  
S43 251 AU=(TAN, C? OR TAN C?)  
S44 2 S41 AND S42 AND S43  
?

13/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01781426

**A communication terminal having a predictive editor application**

**Übertragungsendgerät mit vorhersagendem Editor**

**Terminal de reseau avec editeur predictif**

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),

(Applicant designated States: all)

INVENTOR:

Hastrup, Jan, Frederikskas 1, 1790 Copenhagen, (DK)

LEGAL REPRESENTATIVE:

van Walstijn, Bartholomeus Gerard G. (93585), Walstijn Intellectual

Property ApS Parkovsvej 3, 2820 Gentofte, (DK)

PATENT (CC, No, Kind, Date): EP 1452952 A1 040901 (Basic)

EP 1452952 A1 040901

APPLICATION (CC, No, Date): EP 2004076668 000218;

PRIORITY (CC, No, Date): GB 9904014 990222

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1031914 (EP 2000301285)

INTERNATIONAL PATENT CLASS (V7): G06F-003/023

ABSTRACT WORD COUNT: 297

NOTE:

Figure number on first page: 9

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200436	328
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SPEC A	(English)	200436	5856
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Total word count - document A	6184
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Total word count - document B	0
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Total word count - documents A + B	6184
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...SPECIFICATION with few discrete mechanical keys are shown and described.

EP 0 732 646 discloses a **mobile phone** that has a keypad comprising nothing but the conventional 3 by 4 array of alphanumerical...

...the operation of the keypad, a selectable predictive editor program for generating an output containing **words matching** a received string of ambiguous **key strokes**, an editor application controlled by the processor means for editing a text based on the...

13/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01558015

**A mobile phone having a predictive editor application**

**Ein Mobiltelefon mit vorhersagender Editor-Anwendung**

**Un telephone portable avec une application d'editeur de texte predictif**

**PATENT ASSIGNEE:**

Nokia Corporation, (3988870), Keilalahdentie 4, 02150 Espoo, (FI),

(Proprietor designated states: all)

**INVENTOR:**

Williams, Stephen, Oraskuja 1 A3, 33820 Tempere, (FI)

**LEGAL REPRESENTATIVE:**

van Walstijn, Bartholomeus G. G. (93583), Walstijn Intellectual Property

ApS Pilestraede 58, 1112 Copenhagen K, (DK)

**PATENT (CC, No, Kind, Date):** EP 1296216 A1 030326 (Basic)

EP 1296216 B1 070711

**APPLICATION (CC, No, Date):** EP 2002029094 000211;

**PRIORITY (CC, No, Date):** GB 9904013 990222

**DESIGNATED STATES:** DE; FR; IT; SE

**RELATED PARENT NUMBER(S) - PN (AN):**

EP 1031913 (EP 2000301072)

**INTERNATIONAL PATENT CLASS (V7):** G06F-003/023; H04M-001/2745

**INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):**

**IPC + Level Value Position Status Version Action Source Office:**

G06F-0003/023 A I F B 20060101 20030128 H EP

H04M-0001/2745 A I L B 20060101 20030128 H EP

**ABSTRACT WORD COUNT:** 252

**NOTE:**

Figure number on first page: 10

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200313	517
----------	-----------	--------	-----

CLAIMS B	(English)	200728	533
----------	-----------	--------	-----

CLAIMS B	(German)	200728	523
----------	----------	--------	-----

CLAIMS B	(French)	200728	634
----------	----------	--------	-----

SPEC A	(English)	200313	6075
--------	-----------	--------	------

SPEC B	(English)	200728	6120
--------	-----------	--------	------

Total word count - document A			6593
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Total word count - document B			7810
-------------------------------	--	--	------

Total word count - documents A + B			14403
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**...ABSTRACT A1**

**A mobile phone** having a display; a keypad having a plurality of keys associated with several letters each...

...the operation of the keypad; a selectable predictive editor program for generating an output containing **words matching** a received string of ambiguous **key strokes**, the predictive editor program has a number of associated vocabularies including at least one language dependent dictionary and at least one dictionary receiving user defined inputs.

The **mobile phone** has an editor application controlled by the processor means for editing a text based on...

**...SPECIFICATION text string.**



## OBJECT OF THE INVENTION

An object of the invention is to provide a **mobile phone** with a predictive editing program allowing more flexible text editing. This object is achieved by providing a **mobile phone** having a display, a keypad having a plurality of keys associated with several letters each...

...with the operation of the keypad, a predictive editor program for generating an output containing **word matching** a received string of ambiguous **key strokes**, an editor application controlled by the processor means for editing a text based on the...

## ...CLAIMS A1

1. A **mobile phone** having:

- \* a display;
- \* a keypad having a plurality of keys associated with several letters each...

...accordance with the operation of the keypad;

- \* a predictive editor program for generating an output containing **word matching** a received string of ambiguous **key strokes**;
- \* an editor application controlled by the processor means for editing a text based on the...

## ...CLAIMS B1

1. A **mobile phone** (1) having: \* a display (3);

- \* a keypad (2) having a plurality of keys (7) associated...

...the keypad (2);

- \* a predictive editor program (42) adapted for generating an output containing a **word matching** a received string of ambiguous **key strokes**;

- \* an editor application controlled by the processor means (18) adapted for editing a text based...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01456652

**A communication terminal having a predictive text editor application**

**Kommunikationsendgerät mit einer pradiktiven Textverarbeitungsapplikation**

**Terminal de communication ayant un editeur de texte predictif**

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),

(Applicant designated States: all)

INVENTOR:

Kraft, Christian, Mandholmen 4, DK-2650 Hvidovre, (DK)

Ostergaard, Christian, Ved Klostret 7, 4tv, 2100 Copenhagen, (DK)

LEGAL REPRESENTATIVE:

Haws, Helen (72995), Nokia IPR Department, Nokia House, Summit Avenue,

Farnborough, Hampshire GU14 0NG, (GB)

PATENT (CC, No, Kind, Date): EP 1246430 A2 021002 (Basic)

APPLICATION (CC, No, Date): EP 2002250608 020129;  
PRIORITY (CC, No, Date): GB 103053 010207  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS (V7): H04M-001/00; G06F-003/023  
ABSTRACT WORD COUNT: 71

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200240	844
SPEC A	(English)	200240	3954
Total word count - document A			4798
Total word count - document B			0
Total word count - documents A + B			4798

...SPECIFICATION with said predictive editor programs for generating matching words based on an ambiguous string of **key strokes**, said editor application combines said **matching words** and said character strings into a list of candidates as long as the number of...

...to accompanying drawings, in which: -

Fig. 1 schematically illustrates a preferred embodiment of a hand **portable phone** according to the invention.

Fig. 2 schematically shows the essential parts of a telephone for...

**13/3,K/4 (Item 4 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01184423

**A communication terminal having a predictive editor application.**  
**Kommunikationsendgerat mit pradiktiver Editor-Anwendung**  
**Terminal de communication possedant une application d'editeur de texte predictif**

PATENT ASSIGNEE:

Nokia Corporation, (3988870), Keilalahdentie 4, 02150 Espoo, (FI),  
(Proprietor designated states: all)

INVENTOR:

Williams, Stephen, Oraskuja 1 A3, 33820 Tempere, (FI)

LEGAL REPRESENTATIVE:

van Walstijn, Bartholomeus Gerard G. (93583), WIP / Walstijn Intellectual  
Property Parkovsvej 3, 2820 Gentofte, (DK)

PATENT (CC, No, Kind, Date): EP 1031913 A2 000830 (Basic)  
EP 1031913 A3 010530  
EP 1031913 B1 030423

APPLICATION (CC, No, Date): EP 2000301072 000211;

PRIORITY (CC, No, Date): GB 9904013 990222

DESIGNATED STATES: DE; FR; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1296216 (EP 2002029094)

INTERNATIONAL PATENT CLASS (V7): G06F-003/023; H04M-001/72

ABSTRACT WORD COUNT: 149

NOTE:

Figure number on first page: 0003

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200035	792
----------	-----------	--------	-----

CLAIMS B	(English)	200317	202
----------	-----------	--------	-----

CLAIMS B	(German)	200317	203
----------	----------	--------	-----

CLAIMS B	(French)	200317	254
----------	----------	--------	-----

SPEC A	(English)	200035	6012
--------	-----------	--------	------

SPEC B	(English)	200317	5735
--------	-----------	--------	------

Total word count - document A	6805
-------------------------------	------

Total word count - document B	6394
-------------------------------	------

Total word count - documents A + B	13199
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...CLAIMS 2 wherein said electronic phonebook database is stored on a  
Subscriber Identity Module in a **cellular phone**.

4. A communication terminal having:

- \* a display;

- \* a keypad having a plurality of keys associated...

...with the operation of the keypad;

- \* a predictive editor program for generating an output containing  
**words matching** a received string of ambiguous **key strokes**,  
said predictive editor program has a number of associated  
vocabularies including at least one language...

**13/3,K/5 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01136246 \*\*Image available\*\*

**PREDICTIVE TEXT ENTRY AND DATA COMPRESSION METHOD FOR A MOBILE  
COMMUNICATION TERMINAL**

**PROCEDE DE COMPRESSION DE DONNEES ET D'ENTREE DE TEXTE PREDICTIVE  
POUR**

**TERMINAL DE COMMUNICATION MOBILE**

Patent Applicant/Assignee:

NOKIA CORPORATION, Keilalahdentie 4, FIN-02150 Espoo, FI, FI (Residence),

FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

JAKOBSEN Per, Ildvaenget 13, DK-2640 Hedehusene, DK, DK (Residence), DK

(Nationality), (Designated only for: US)

NIELSEN Claus Peter, Borgbjergsvej 36, 2.th, Dk-2450 Copenhagen SV, DK,

DK (Residence), DK (Nationality), (Designated only for: US)

OKKONEN Jyrki, Puutarhakatu 23, FIN-90100 Oulu, FI, FI (Residence), FI

(Nationality), (Designated only for: US)

Legal Representative:

VAN WALSTIJN Gerard B G (agent), Walstijn Intellectual Property ApS,

Parkovsvej 3, DK-2820 Gentofte, DK,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200459459 A1 20040715 (WO 0459459)

Application: WO 2002EP14777 20021227 (PCT/WO EP02014777)

Priority Application: WO 2002EP14777 20021227

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM  
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PH PL PT RO RU SD SE SG SK (utility model) SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK  
TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6744

Fulltext Availability:

Detailed Description

Detailed Description

... a

predictive editor application for entering text. Such a terminal can be a cellular or **cordless phone**, a **personal digital assistant (PDA)** or a communicator. The editor is used for editing text for message handling, phonebook editing and searching, etc. The invention further relates to a method of compressing data in a **mobile terminal** comprising the steps in which a language dependent dictionary is stored.

#### BACKGROUND ART

EP 1031913 discloses a **mobile terminal** having processor means controlling the display in accordance with the operation of the keypad. A selectable predictive editor program generates an output containing **words matching** a received string of ambiguous **key strokes**. The predictive editor program has a number of associated vocabularies including at least one language...

...and

a dictionary receiving user defined inputs.  
Language depended dictionaries such as stored in the **mobile terminal** known from EP 1031913 needs to contain sufficient words to be able to handle the...

13/3,K/6 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00752033 \*\*Image available\*\*

**CLUSTER KEY ARRANGEMENT**

**DISPOSITION DE TOUCHES DE GROUPE**

Patent Applicant/Inventor:

KRISHNAN Ravi C, 10112 Parkwood Terrace, Bethesda, MD 20814, US, US  
(Residence), US (Nationality)

Legal Representative:

LITMAN Richard C (agent), Litman Law Offices, Ltd., Crystal City Station,  
P.O. Box 15035, Arlington, VA 22215-0035, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200065419 A2-A3 20001102 (WO 0065419)

Application: WO 2000US10545 20000420 (PCT/WO US0010545)

Priority Application: US 99296809 19990423

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15294

Fulltext Availability:

Detailed Description

Detailed Description

... mode

mobile cellular telephone with a man-machine interface  
which is the same for all **cellular telephone** systems.

...The user strikes a  
delimiting "select" key at the end of each word,  
delimiting a **keystroke** sequence which could **match** any  
of many **words** with the same number of letters. The  
keystroke sequence is processed with a complete  
dictionary...

?

23/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01497100

**Method for the training or the adaptation of a speech recognizer**

**Verfahren zum Training oder zur Adaption eines Spracherkenners**

**Procede pour l'entrainement ou l'adaptation d'un systeme de reconnaissance  
de la parole**

PATENT ASSIGNEE:

Philips Intellectual Property & Standards GmbH, (2797108), Steindamm 94,  
20099 Hamburg, DE\ (Proprietor designated states: , DE)

Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621  
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

Steinbiss , Volker Dr., c/o Philips Corporate Intellectual Property GmbH  
, 52066, Aachen, (DE)

Eisele, Thomas Dr., c/o Philips Corporate Intellectual Property GmbH,  
52066, Aachen, (DE)

**LEGAL REPRESENTATIVE:**

Volmer, Georg et al (62728), Philips Intellectual Property & Standards  
GmbH, Postfach 50 04 42, 52088 Aachen, (DE)

**PATENT (CC, No, Kind, Date):** EP 1256936 A2 021113 (Basic)

EP 1256936 A3 041215

EP 1256936 B1 070214

**APPLICATION (CC, No, Date):** EP 2002100462 020508;

**PRIORITY (CC, No, Date):** DE 10122828 010511

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS (V7):** G10L-015/06

**INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):**

**IPC + Level Value Position Status Version Action Source Office:**

G10L-0015/06 A I F B 20060101 20020715 H EP

**TRANSLATED ABSTRACT WORD COUNT:** 123

**ABSTRACT WORD COUNT:** 118

**NOTE:**

Figure number on first page: NONE

**LANGUAGE (Publication,Procedural,Application):** German; German; German

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(German)	200246	779
----------	----------	--------	-----

CLAIMS B	(English)	200707	1754
----------	-----------	--------	------

CLAIMS B	(German)	200707	1352
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CLAIMS B	(French)	200707	1975
----------	----------	--------	------

SPEC A	(German)	200246	3162
--------	----------	--------	------

SPEC B	(German)	200707	3480
--------	----------	--------	------

Total word count - document A	3942
-------------------------------	------

Total word count - document B	8561
-------------------------------	------

Total word count - documents A + B	12503
------------------------------------	-------

...CLAIMS speech recognizer takes place in which it is assumed that the latest and penultimate speech **input** represent the same **word** or the same word **sequence**.

11. An **electrical** appliance as claimed in claims 8 to 10, characterized in that the electrical appliance is a **mobile telephone** terminal (1).

**23/3,K/2 (Item 2 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2007 European Patent Office. All rts. reserv.

01139492

**SPEECH RECOGNIZING DEVICE AND METHOD, NAVIGATION DEVICE, PORTABLE TELEPHONE, AND INFORMATION PROCESSOR**

**SPRACHERKENNUNGSVORRICHTUNG UND -VERFAHREN, NAVIGATIONSVORRICHTUNG,**

**TRAGBARES TELEFON, UND INFORMATIONSPROZESSOR**

**DISPOSITIF ET PROCEDE DE RECONNAISSANCE VOCALE, DISPOSITIF DE**

## NAVIGATION,

### TELEPHONE PORTABLE ET PROCESSEUR D'INFORMATIONS

#### PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

#### INVENTOR:

MINAMINO, Katsuki, Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

#### LEGAL REPRESENTATIVE:

Korber, Martin, Dipl.-Phys. (88321), Mitscherlich & Partner Patentanwalte  
Sonnenstrasse 33, 80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1024476 A1 000802 (Basic)

WO 0010160 000224

APPLICATION (CC, No, Date): EP 99937091 990817; WO 99JP4424 990817

PRIORITY (CC, No, Date): JP 98230982 980817

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G10L-011/00

ABSTRACT WORD COUNT: 113

#### NOTE:

Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

#### FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS A	(English)	200031	2193
----------	-----------	--------	------

SPEC A	(English)	200031	17825
--------	-----------	--------	-------

Total word count - document A	20018
-------------------------------	-------

Total word count - document B	0
-------------------------------	---

Total word count - documents A + B	20018
------------------------------------	-------

## SPECIFICATION

### Technical Field

This invention relates to a speech recognition unit and method, for automatically **determining the sequence or series of a word** corresponding to an **input** audio signal, particularly, a speech recognition unit and method for finding the sequence of a word to be a recognition result at a high speed, and a navigation unit, a **portable telephone** unit and an information processing device which use the speech recognition.

### Background Art

Conventionally, a speech recognition technique for automatically **determining the sequence of a word** corresponding to an **input** audio signal has been provided.

Such speech recognition technique is used for enabling search through

...

?

40/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00519385 \*\*Image available\*\*

TOUCH SCREEN HANDLING

UTILISATION D'ECRAN TACTILE

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ),

Inventor(s):

ERICSSON Ted,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9950737 A1 19991007

Application: WO 99SE520 19990330 (PCT/WO SE9900520)

Priority Application: US 9853083 19980401

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3032

Fulltext Availability:

Detailed Description

Detailed Description

... handler, step 325. The input handler determines to which of the active applications, running on **portable device** 10, the keystroke belongs, step 330. The input handler will then transfer the information (i... application, step 335. In step 340, the application will subsequently determine what function(s) the **keystroke** represents and take the appropriate action(s). In the present example, the application will **determine that pattern xz**, which corresponds to the **letter B**, should be displayed at location yz of the display area. This determination is then...

44/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01200829 \*\*Image available\*\*

**LETTER AND WORD CHOICE TEXT INPUT METHOD FOR KEYBOARDS AND REDUCED  
KEYBOARD  
SYSTEMS**

**PROCEDE D'ENTREE D'UN TEXTE PAR CHOIX DE LETTRES ET DE MOTS POUR DES  
CLAVIERS ET SYSTEMES DE CLAVIER REDUITS**

Patent Applicant/Assignee:

XRGOMICS PTE LTD, No. 1 Shenton Way, #20-09, Singapore 068803, SG, SG  
(Residence), SG (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

NG Edwin, 5000J Marine Parade Road, #07-41, Singapore 449291, SG, SG  
(Residence), SG (Nationality), (Designated only for: US)

**OH Joo Seng Julian**, 106C Punggol Field, #14-514, Singapore 823106, SG,  
SG (Residence), SG (Nationality), (Designated only for: US)

**TAN Chin Foo Ken**, 471 Sembawang Drive, #09-429, Singapore 750471, SG,  
SG (Residence), SG (Nationality), (Designated only for: US)

Legal Representative:



NG Edwin (commercial rep.), 5000J Marine Parade Road, #07-41, Singapore  
449291, SG,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200508899 A1 20050127 (WO 0508899)

Application: WO 2004SG190 20040630 (PCT/WO SG04000190)

Priority Application: SG 20034112 20030717

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11051

Patent Applicant/Inventor:

... Designated only for: US)

**OH Joo Seng Julian ...**

...Designated only for: US)

**TAN Chin Foo Ken ...**

Fulltext Availability:

Claims

Claim

... only choices with the same starting text as the beginning unambiguous  
text input are displayed.

**41** A letter choice and word choice text input system of claim 25  
wherein a choice...

**44/3,K/2 (Item 2 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

01157265 \*\*Image available\*\*

**UNAMBIGUOUS TEXT INPUT METHOD FOR TOUCH SCREENS AND REDUCED  
KEYBOARD**

**SYSTEMS**

**PROCEDE DE SAISIE DE TEXTE NON AMBIGUE POUR ECRAN TACTILE ET SYSTEMES  
DE**

**CLAVIER REDUITS**

Patent Applicant/Assignee:

XRGOMICS PTE LTD, No. 1 Shenton Way, #19-04, Singapore 068803, SG, SG

(Residence), SG (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

NG Edwin, 5000J Marine Parade Road, #07-41, Singapore 449291, SG, SG

(Residence), SG (Nationality), (Designated only for: US)

**OH Joo Seng** , 106C Punggol Field, #14-514, Singapore 823106, SG, SG  
(Residence), SG (Nationality), (Designated only for: US)

**TAN Chin Foo** , 471 Sembawang Drive, #09-429, Singapore 750471, SG, SG  
(Residence), SG (Nationality), (Designated only for: US)

**Legal Representative:**

NG Edwin (commercial rep.), 5000J Marine Parade Road, #07-41, Singapore  
449291, SG,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200479557 A1 20040916 (WO 0479557)

Application: WO 2004SG46 20040302 (PCT/WO SG04000046)

Priority Application: SG 2003895 20030303

**Designated States:**

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO  
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11490

**Patent Applicant/Inventor:**

... Designated only for: US)

**OH Joo Seng** ...

...Designated only for: US)

**TAN Chin Foo** ...

**Fulltext Availability:**

Detailed Description

Claims

**Detailed Description**

... to Xn and Y. 408 and these line equations are matched during the  
scribing process 41 0 with the line detection region's equations to see  
if any line region is...

**Claim**

... is tapped together, it would still perform as per a single  
multi-character key input.

**41** A reduced keyboard system for inputting information comprising:  
a plurality of keys, each key having...

...keys; and

a display for displaying the information.

**42** A reduced keyboard system of claim 41 wherein to input a character  
unambiguously does not require changing modes between ambiguous and  
unambiguous...

...per normal for a multi-character key input.

43 A reduced keyboard system of claim 41 wherein instead of the multi-character key consisting of individual character buttons; it is a

...

...per normal for a multi-character key input.

45 A reduced keyboard system of claim 41 wherein to input data value or data symbol in a different case like upper case...

...data value or data symbol, counter to tapping.

47 A reduced keyboard system of claim 41 wherein to input as per a multicharacter key input, the multi-character key representing the...

## NonPatent Literature Abstracts

File 8: Ei Compendex(R) 1884-2007/Aug W2  
 (c) 2007 Elsevier Eng. Info. Inc.  
 File 35: Dissertation Abs Online 1861-2007/Jul  
 (c) 2007 ProQuest Info&Learning  
 File 65: Inside Conferences 1993-2007/Aug 23  
 (c) 2007 BLDSC all rts. reserv.  
 File 2: INSPEC 1898-2007/Aug W2  
 (c) 2007 Institution of Electrical Engineers  
 File 6: NTIS 1964-2007/Aug W3  
 (c) 2007 NTIS, Intl Cpyrght All Rights Res  
 File 144: Pascal 1973-2007/Aug W1  
 (c) 2007 INIST/CNRS  
 File 34: SciSearch(R) Cited Ref Sci 1990-2007/Aug W4  
 (c) 2007 The Thomson Corp  
 File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp  
 File 99: Wilson Appl. Sci & Tech Abs 1983-2007/Jul  
 (c) 2007 The HW Wilson Co.  
 File 266: FEDRIP 2007/Jul  
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 File 95: TEME-Technology & Management 1989-2007/Aug W3  
 (c) 2007 FIZ TECHNIK  
 File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 The Gale Group  
 File 256: TecInfoSource 82-2007/Dec  
 (c) 2007 Info.Sources Inc  
 File 56: Computer and Information Systems Abstracts 1966-2007/Aug  
 (c) 2007 CSA.  
 File 60: ANTE: Abstracts in New Tech & Engineer 1966-2007/Jul  
 (c) 2007 CSA.

### Set Items Description

S1 4629812 WORD? ? OR TERM? ? OR LETTER? ? OR TEXT? ? OR WRITING OR P-  
 RINT???

S2 1136806 INPUT??? OR IN()(PUT? ? OR PUTTING)

S3 2930 KEYSTROKE? OR KEY()(STROKE? OR ACTION? OR LOG???) OR KEYLO-  
 G???

S4 128679 (MATCH? OR COINCIDE? ? OR COINCIDENT OR COMPARE? ? OR COMP-  
 ARATIVE OR COMPARI? OR CONCURREN?? OR CORRELAT??? OR CORELAT?-  
 ?? OR CORRESPOND? OR RECONCILE? ? OR RELATE? ? OR SIMILAR OR -  
 CONFORM? )(3N)S1

S5 17801481 CHOICE? ? OR OPTION? ? OR PICK??? OR SELECT? OR DECID??? OR  
 SPECIFY??? OR SPECIFIE? ? OR DETERMIN??? OR CHOOS??? OR DESI-  
 GNAT??? OR INDICAT??? OR STIPULAT??? OR CHOSE? ? OR ELECT??? -  
 OR OPT? ? OR OPTING

S6 241771 S5(3N)(SEQUENCE? OR SERIES OR CONTINUANCE? OR CONTINUITY OR  
 PROGRESSION OR COMPLET??? OR SUCCESSIVE OR PATTERN?)

S7 6719186 STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RE-  
 CORDING OR COLLECT??? OR MAINTAIN??? OR MAINTENANCE OR KEEP???  
 OR RETAIN??? OR SAVE? ? OR SAVING OR PRESERV??? OR PRESERVAT-  
 ION OR RETENTION OR HOLD??? OR KEPT

S8 122545 PDA? ? OR (PERSONAL OR PRIVATE OR PORTABLE)(2N)(DIGITAL OR  
 DATA OR INFORMATION OR ASSISTANT? OR ORGANIZER? OR DEVICE? OR

ACCESS) OR PALMTOP? ? OR PALM()(PILOT? ? OR TOP? ? OR VII) OR  
PID? ?

S9 278949 (CARRY OR CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO  
OR HANDHELD OR HAND()HELD? ? OR MOBILE OR PORTABLE)()(PHONE?  
OR UNIT? ? OR DEVICE OR APPARATUS OR APPTS OR PAGER OR TERMIN-  
AL? OR TELEPHONE? OR FONE? ?) OR PHS OR PCS OR BLUETOOTH OR R-  
IO OR BLACKBERRY

S10 387515 S8 OR S9

S11 7 S3(5N)S4

S12 4 RD (unique items)

~~S13~~ 3 S12 NOT PY=2003:2007

S14 1309 S6(5N)S2

S15 251 S14 AND S7

S16 4 S15 AND S10

S17 4 RD (unique items)

~~S18~~ 4 S17 NOT PY=2003:2007

S19 4 S18 NOT S13

S20 198 S3(5N)S1

S21 31 S20(100N)S7

S22 1 S21(100N)S10

~~S23~~ 1 S22 NOT PY=2003:2007

S24 137 S3(3N)S7

S25 1 S21 AND S10

S26 0 S25 NOT (S23 OR S18)

S27 1628 S1(3N)S6

S28 26 S27(5N)S7

S29 0 S28 AND S10

S30 19 RD S28 (unique items)

~~S31~~ 19 S30 NOT (S23 OR S13)

S32 2571 S6(5N)S7

S33 240 S32 AND (S1 OR S3)

S34 1 S33 AND S10

S35 0 S34 NOT PY=2003:2007

S36 2001 AU=(NG, E? OR NG E?)

S37 7732 AU=(OH, J? OR OH J?)

S38 12300 AU=(TAN, C? OR TAN C?)

S39 0 S36 AND S37 AND S38

13/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

05385870 INSPEC Abstract Number: A9310-8732-001, B9305-7250G-006

**Title: Reading performance and visual comfort on a high-resolution large monitor compared to a VGA monitor**

Author(s): Sheedy, J.E.

Author Affiliation: Sch. of Optometry, California Univ., Berkeley, CA, USA

Journal: Journal of Electronic Imaging vol.1, no.4 p.405-10

Publication Date: Oct. 1992 Country of Publication: USA

CODEN: JEIME5 ISSN: 1017-9909

Language: English

Subfile: A B

...Abstract: ten (VGA Page), and a higher resolution dual-page (HiRes DP) monitor with a single- keystroke text advance. Luminance and text size were matched between the VGA and HiRes DP. Font types were selected based on the most similar...

13/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

03253682 INSPEC Abstract Number: C84026465

**Title: Transporting interactive programs in MMSFORTH**

Author(s): Dowling, T.

Author Affiliation: Miller Microcomputer Services, Natick, MA, USA

Conference Title: 1982 Rochester Forth Conference on Data Bases and Process Control p.157-9

Publisher: Inst. Appl. Forth Res, Rochester, NY, USA

Publication Date: 1982 Country of Publication: USA 321 pp.

Conference Date: 18-21 May 1982 Conference Location: Rochester, NY, USA

Language: English

Subfile: C

...Abstract: features must be represented on the screen in a uniform manner and be invoked with similar key strokes. The printer which is used may not support all these features, but it should execute those it ...

13/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

03061892 INSPEC Abstract Number: C83024923

**Title: Using the Atari word processor with an Epson printer**

Author(s): Kredo, T.

Journal: Compute. Journal for Progressive Computing vol.5, no.4 p.

157

Publication Date: April 1983 Country of Publication: USA  
CODEN: COMPER ISSN: 0194-357X  
Language: English  
Subfile: C

...Abstract: sequences of keystrokes to the word processing text. The author provides a table indicating which **keystrokes correspond** to which **printer** functions on the MX-80.  
?

## NonPatent Literature Fulltext

File 275:Gale Group Computer DB(TM) 1983-2007/Jul 24  
(c) 2007 The Gale Group

File 47:Gale Group Magazine DB(TM) 1959-2007/Aug 13  
(c) 2007 The Gale group

File 621:Gale Group New Prod.Annou.(R) 1985-2007/Aug 21  
(c) 2007 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2007/Aug 23  
(c) 2007 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2007/Aug 20  
(c)2007 The Gale Group

File 624:McGraw-Hill Publications 1985-2007/Aug 23  
(c) 2007 McGraw-Hill Co. Inc

File 98:General Sci Abs 1984-2007/Jul  
(c) 2007 The HW Wilson Co.

File 553:Wilson Bus. Abs. 1982-2007/Aug  
(c) 2007 The HW Wilson Co

File 15:ABI/Inform(R) 1971-2007/Aug 24  
(c) 2007 ProQuest Info&Learning

File 635:Business Dateline(R) 1985-2007/Aug 23  
(c) 2007 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2007/Aug 20  
(c) 2007 The Gale Group

File 610:Business Wire 1999-2007/Aug 24  
(c) 2007 Business Wire.

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2007/Sep W3  
(c) 2007 CMP Media, LLC

File 674:Computer News Fulltext 1989-2006/Sep W1  
(c) 2006 IDG Communications

File 369:New Scientist 1994-2007/Jul W5  
(c) 2007 Reed Business Information Ltd.

File 613:PR Newswire 1999-2007/Aug 24  
(c) 2007 PR Newswire Association Inc

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

File 16:Gale Group PROMT(R) 1990-2007/Aug 23  
(c) 2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 484:Periodical Abs Plustext 1986-2007/Aug W2  
(c) 2007 ProQuest

File 634:San Jose Mercury Jun 1985-2007/Aug 22  
(c) 2007 San Jose Mercury News

File 696:DIALOG Telecom. Newsletters 1995-2007/Aug 23  
(c) 2007 Dialog

Set Items Description

S1 16616148 WORD? ? OR TERM? ? OR LETTER? ? OR TEXT? ? OR WRITING OR P-  
RINT???

S2 1074288 INPUT??? OR IN()(PUT? ? OR PUTTING)



S3 67006 KEYSTROKE? OR KEY()(STROKE? OR ACTION? OR LOG???) OR KEYLOG???  
 S4 498924 (MATCH? OR COINCIDE? ? OR COINCIDENT OR COMPARE? ? OR COMPARATIVE OR COMPARI? OR CONCURREN?? OR CORRELAT??? OR CORELAT?? ? OR CORRESPOND? OR RECONCILE? ? OR RELATE? ? OR SIMILAR OR - CONFORM? )(3N)S1  
 S5 24339942 CHOICE? ? OR OPTION? ? OR PICK??? OR SELECT? OR DECID??? OR SPECIFY??? OR SPECIFIE? ? OR DETERMIN??? OR CHOOS??? OR DESIGNAT??? OR INDICAT??? OR STIPULAT??? OR CHOSE? ? OR ELECT??? - OR OPT? ? OR OPTING  
 S6 172031 S5(3N)(SEQUENCE? OR SERIES OR CONTINUANCE? OR CONTINUITY OR PROGRESSION OR COMPLET??? OR SUCCESSIVE OR PATTERN?)  
 S7 27419780 STORE? ? OR STORING OR STORAGE OR ARCHIV?? OR RECORD OR RECORDING OR COLLECT??? OR MAINTAIN??? OR MAINTENANCE OR KEEP??? OR RETAIN??? OR SAVE? ? OR SAVING OR PRESERV??? OR PRESERVATION OR RETENTION OR HOLD??? OR KEPT  
 S8 913558 PDA? ? OR (PERSONAL OR PRIVATE OR PORTABLE)(2N)(DIGITAL OR DATA OR INFORMATION OR ASSISTANT? OR ORGANIZER? OR DEVICE? OR ACCESS) OR PALMTOP? ? OR PALM()(PILOT? ? OR TOP? ? OR VII) OR PID? ?  
 S9 2708193 (CARRY OR CELL OR CELLULAR OR CORDLESS OR WIRELESS OR RADIO OR HANDHELD OR HAND()HELD? ? OR MOBILE OR PORTABLE)()(PHONE? OR UNIT? ? OR DEVICE OR APPARATUS OR APPTS OR PAGER OR TERMINAL? OR TELEPHONE? OR FONE? ?) OR PHS OR PCS OR BLUETOOTH OR RADIO OR BLACKBERRY  
 S10 63 S3(5N)S4  
 S11 14 S10(100N)S7  
 S12 11 RD (unique items)  
 S13 11 S12 NOT PY=2003:2007  
 S14 23623 S1(3N)S2  
 S15 102 S6(100N)S14  
 S16 9 S15(100N)(S8 OR S9)  
 S17 5 RD (unique items)  
 S18 5 S17 NOT PY=2003:2007  
 S19 5 S18 NOT S13  
 S20 7283 S3(5N)S7  
 S21 47 S20(100N)S6  
 S22 0 S21(100N)(S8 OR S9)  
 S23 32 RD S21 (unique items)  
 S24 32 S23 NOT PY=2003:2007  
 S25 22 S24(100N)S1  
 S26 22 S25 NOT PY=2003:2007  
 S27 22 S26 NOT (S19 OR S13)

**13/3,K/3 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01213221 SUPPLIER NUMBER: 04733463 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Software Publishing's spreadsheet is major, innovative entry for pfs: series. (pfs:Professional Plan) (Software Review) (evaluation)**

Bryan, Marvin

PC Week, v4, n13, p85(2)

March 31, 1987

DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1795 LINE COUNT: 00142

... of non-adjacent rows and columns can be selected as a "view" of the worksheet, **saved** and called up with a couple of **keystrokes** to permit **comparison**, analysis or **printing** of selected data of special interest. The display of cell coordinates and the vertical lines...

**13/3,K/4 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2007 The Gale group. All rts. reserv.

04193695 SUPPLIER NUMBER: 16380849 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Slick tricks from the word processing pros. (Tutorial)**

Fox, Steve; Miller, Dan

PC World, v13, n2, p164(8)

Feb, 1995

DOCUMENT TYPE: Tutorial ISSN: 0737-8939 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 5418 LINE COUNT: 00404

...ABSTRACT: users customize the button bar, insert QuickMark bookmarks and manage files in the Open and **Save** dialog boxes. Users can also open multiple files at the same time with a **keystroke** sequence **similar** to that in **Word** for Windows. The mouse pointer changes as the user moves it over a table, allowing...

**13/3,K/6 (Item 3 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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03087434 SUPPLIER NUMBER: 06318804 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Word vs. Word Perfect. (Software Review) (evaluation)**

Marion, Craig; Pepper, Jon

Personal Computing, v12, n5, p127(7)

May, 1988

DOCUMENT TYPE: evaluation ISSN: 0192-5490 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4279 LINE COUNT: 00339

... many users, myself included, circumvent it by translating it into a macro to cut the **keystrokes** down to **match Word's**.

**Storing** and recalling text blocks with Word text is faster and easier, too. To perform these...

...which has macros, too) uses instead an elegant feature called Glossary; it is a text **storage** system that allows you to name a block of text of any length, at any time and any place, and retrieve it by simply typing its name and F3. Blocks **stored** in the glossary can be edited just like ordinary text. (WordPerfect macros must be edited...

**13/3,K/7 (Item 4 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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02949755 SUPPLIER NUMBER: 04769307 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Software Publishing's spreadsheet is major, innovative entry for pfs:Series. (pfs:Professional Plan 1.0)**

Bryan, Marvin

PC Week, v4, p85(1)

March 31, 1987

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1795 LINE COUNT: 00142

... of non-adjacent rows and columns can be selected as a "view" of the worksheet, **saved** and called up with a couple of **keystrokes** to permit **comparison**, analysis or **printing** of selected data of special interest. The display of cell coordinates and the vertical lines...

**13/3,K/8 (Item 5 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2007 The Gale group. All rts. reserv.

02743284 SUPPLIER NUMBER: 04034917 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**User choices in '1-2-3' spin-off products abound.**

Call, Barbara

PC Week, v2, p81(3)

Nov 27, 1985

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2372 LINE COUNT: 00184

... the system is extremely beneficial.

Macro for Macros

Macros give Lotus users the ability to **record** a certain set or sets of **keystrokes** in memory. **Similar** to **writing** batch files, macros have long been an area in which only the tried and true...

...to write macros," he explained.

Among other things, GNP's Macro+ enables the user to **hold** down a function key to cause the program to type in a certain function automatically...

**13/3,K/9 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

01085583 Supplier Number: 40511653 (USE FORMAT 007 FOR FULLTEXT)  
**DIALCOM RELEASE SECOND VERSION OF PC FRONT END SOFTWARE, UPFRONT II**

News Release, p1

Sept 19, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 371

... editor to allow easy creation of messages. The editor's interface is configurable to use **similar keystrokes** of other **word**

processing packages such as WordStar, WordPerfect and Multi-Mate. Encryption of sensitive messages and data is allowed.

Folder system to allow the user to **keep** track of all incoming and outgoingk messages. User-defined folders allow the user to organize...

**13/3,K/10 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

03698231 SUPPLIER NUMBER: 06704068 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Computer magazine on floppy disk. (evaluation)**

Dolak, F.J.

Library Software Review, v7, n4, p280(4)

July-Aug, 1988

DOCUMENT TYPE: evaluation ISSN: 0742-5759 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 3767 LINE COUNT: 00292

... different directories on a hard disk, pauses and timed delays in execution of strings of **keystrokes** (called "keystings" in HOT), and **comparisons** of **text** strings to variables as a test for executing a command within a command file. The...

...file readable by the HOT system.

The "keysting" feature is particularly interesting because it can **save** you the keystrokes that you regularly execute in starting up frequently used applications. For example, if you **maintain** your budget using Lotus 1-2-3, HOT allows you to execute the same "file..."

**19/3,K/1 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2007 The Gale Group. All rts. reserv.

03150545 Supplier Number: 84137408 (USE FORMAT 007 FOR FULLTEXT)

**(0) Motorola Introduces Java Technology-Enabled Phone with Color Display; Motorola i95cl Handset's Large Color Screen Takes Advantage of the J2ME Platform to Enable Enhanced Mobile Gaming, Graphics, Mapping Applications And Streaming Video.**

PR Newswire, pCGM01625032002

March 25, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 631

... video, the phone offers expanded Java functionality. It contains expanded memory capabilities, enhanced T9(R) **text input** and Lightweight Windowing Toolkit (LWT) functionality.

"The Motorola i95cl **mobile phone** offers developers even greater opportunities for creating Java technology-based applications with our J2ME development..."

...adding, deleting or storing applications online. Pre-loaded applications include games, productivity tools and several **selectable** wallpaper

**patterns .\*** The i95cl will also allow users to customize the handset by downloading additional applications and...

**19/3,K/2 (Item 2 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2007 The Gale Group. All rts. reserv.

01610023 Supplier Number: 48300788 (USE FORMAT 007 FOR FULLTEXT)  
**Fujitsu Network Communications Signs Licensing Deal with Tegic**  
**Communications to Put T9 on CDMA Wireless Handsets.**  
Business Wire, p2180187  
Feb 18, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 513

-- T9 Makes it Easy to **Input Text** for Wireless Short Messaging Services Applications From Fujitsu **Wireless Telephones --**

Tegic Communications today announced it has signed a licensing agreement with Fujitsu Network Communications.

The deal allows Fujitsu to incorporate T9(TM) intelligent **text input** into its newest CDMA phones, the Personna(TM) **Series .**

Fujitsu **selected** Tegic Communications' technology because it makes text entry from a **wireless phone** quick and easy. "T9 unlocks the power of a **wireless phone** keypad, making it easy to **input words** and entire sentences," said Manijeh Moghis, senior director and business manager of Fujitsu's Wireless...

...Fujitsu's CDMA phones will be able to take advantage of an array of advanced **PCS** services."

Unveiled in August 1997, T9 employs an intelligent software protocol enabling users to enter...

**19/3,K/3 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

01748244 Supplier Number: 42880292 (USE FORMAT 7 FOR FULLTEXT)  
**POINT CONTROL CO. OFFERS NEW SMARTCAM MILLING VERSION 7**  
CAD/CAM Update, v4, n4, pN/A  
April, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 335

... needs, while reducing the design to production time cycle.

Macro Enhancements - Macros can now combine **text** notices with variable **input** , thus reducing the number of screen prompts needed for an operation. In addition, Macro "Snap" functions have been increased so the user can more quickly and easily, **determine the sequence** , position and properties for machining.

User Definable Hot Keys - Users can assign a series of...

...thus increasing productivity and streamlining production.

SmartCAM Milling Version 7 is currently available for all **PCs** using

DOS 3.2 or later. The list price is \$4,000.

For more information...

**19/3,K/4 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

14430961 SUPPLIER NUMBER: 84137408 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Motorola Introduces Java Technology-Enabled Phone with Color Display;  
Motorola i95cl Handset's Large Color Screen Takes Advantage of the J2ME  
Platform to Enable Enhanced Mobile Gaming, Graphics, Mapping Applications  
And Streaming Video.**

PR Newswire, CGM01625032002

March 25, 2002

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 631 LINE COUNT: 00058

... video, the phone offers expanded Java functionality. It contains expanded memory capabilities, enhanced T9(R) text input and Lightweight Windowing Toolkit (LWT) functionality.

"The Motorola i95cl mobile phone offers developers even greater opportunities for creating Java technology-based applications with our J2ME development...

...adding, deleting or storing applications online. Pre-loaded applications include games, productivity tools and several selectable wallpaper patterns.\* The i95cl will also allow users to customize the handset by downloading additional applications and...

**19/3,K/5 (Item 1 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2007 PR Newswire Association Inc. All rts. reserv.

00737762 20020325CGM016 (USE FORMAT 7 FOR FULLTEXT)

**Motorola Introduces Java-Technology Enabled Phone**

PR Newswire

Monday, March 25, 2002 07:59 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 610

TEXT:

...video,

the phone offers expanded Java functionality. It contains expanded memory capabilities, enhanced T9(R) text input and Lightweight Windowing Toolkit

(LWT) functionality.

"The Motorola i95cl mobile phone offers developers even greater opportunities for creating Java technology-based applications with our J2ME development...

...adding,

deleting or storing applications online. Pre-loaded applications include games, productivity tools and several selectable wallpaper patterns.\*

The  
i95cl will also allow users to customize the handset by downloading  
additional  
applications and...

**27/3,K/1 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

01775137 SUPPLIER NUMBER: 16862324 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tackle your data: seven databases to boost your productivity. (includes  
related article on other database options) (Software Review)(Evaluation)**  
Plain, Stephen W.  
Home Office Computing, v13, n1, p86(5)  
Jan, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0899-7373 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 3413 LINE COUNT: 00270

... still intimidating to those unfamiliar with technical jargon. Here  
are definitions of some frequently used **terms** that may sound like Greek  
to you.

Field--The place where information, such as names...

...up values, you don't have to check every record in the database.

Macro--A series of menu options or keystrokes that can be saved  
and later executed all at once. Macros are often recorded by memorizing  
operations you perform...

**27/3,K/2 (Item 2 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2007 The Gale Group. All rts. reserv.

01522911 SUPPLIER NUMBER: 12341019 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Updated Last Resort helps help desks help. (Working Software Inc.  
introduces Last Resort 1.1 system extension for Apple Macintosh)(Brief  
Article) (Product Announcement)**  
MacWEEK, v6, n23, p10(1)  
June 15, 1992  
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 153 LINE COUNT: 00012

The \$49.95 system extension automatically records **keystrokes**  
entered in any program, **saving** each session's input in a date-stamped  
**text** file. Version 1.1 makes it possible to keep passwords and other  
sensitive information out...

...Several companies have standardized on the program to give  
technical-support staffers a way to **determine** the **sequence** of events  
leading to crashes on user systems.

Upgrades are available for a \$6 shipping...



27/3,K/3 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01469551 SUPPLIER NUMBER: 11160121 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Keystroke time-saver: ProKey Plus 5.1. (Software Review) (macro software from RoseSoft) (evaluation)**

Pepper, Jon

PC Sources, v2, n9, p337(1)

Sept, 1991

DOCUMENT TYPE: evaluation ISSN: 1052-6579 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 760 LINE COUNT: 00055

... most users, it does require a bit more RAM overhead: 88K versus 67K for the **text** version of ProKey Plus.

This is also one of the program's potential drawbacks. If...

...works by interpreting keystrokes before they reach your application programs. If you then type a **sequence** that has been **designated** as a ProKey Plus macro, that key sequence or batch file will be executed. For...

...the macro, and type in the sequence you wish. It's possible not only to **record** basic **keystrokes**, but also formatting, batch files, menus, and even display boxes that can pop up and...

...or assign named macros. You can also create macro files (in ASCII format) in your **word** processor, and then bring them into ProKey Plus for final editing and use.

While this...

27/3,K/4 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01419194 SUPPLIER NUMBER: 09753757 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Alpha Software Corp.: Alpha Four 1.1. (Software Review) (one of two evaluations of database development tools in 'Two tools simplify database creation.') (evaluation)**

Mirecki, Ted

PC Week, v8, n2, p100(2)

Jan 14, 1991

DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1305 LINE COUNT: 00103

... create a customized, multilevel menu structure from which various prerecorded macros can be chosen.

Although **recording** **keystroke** macros is a form of programming, Alpha Four's macro language is rudimentary, providing only minor user interaction and no control over the sequence of execution. Macros consist primarily of **letter** strings that represent **sequences** of **choices** from the built-in menu structure. A small set of special macro commands can pause...

27/3,K/5 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01361589 SUPPLIER NUMBER: 08516068 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Control room configures and surveys computers with compact custom TSR.**

**(terminate-and-stay-resident program) (evaluation)**

Mendelson, Edward

PC Magazine, v9, n11, p38(1)

June 12, 1990

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 998 LINE COUNT: 00073

... an optional disk cache.

You can take control of the keyboard (expanding the buffer that stores keystrokes until your application is ready to receive them) by adjusting the typematic rate, setting the...

...comma keys generate periods and commas instead of angle brackets. (When the shifted comma key prints as a comma rather than as an angle bracket, you can't access the angle...

27/3,K/6 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01311539 SUPPLIER NUMBER: 07583602 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Reaching critical mass. (Windows and Presentation Manager applications -**

**includes related articles on upgrades and versions of Windows and PM.)**

**(buyers guide)**

Lockwood, Russ

Personal Computing, v13, n9, p109(7)

Sept, 1989

DOCUMENT TYPE: buyers guide ISSN: 0192-5490 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4003 LINE COUNT: 00318

... you get manner. The desktop publishing portion, while not a replacement for PageMaker, offers multiple columns, text flowing around graphics, and style sheets.

Despite these features, Ami is not as powerful as some of today's word processors. (Samna describes it as an "executive word processor.") For more power, move up to Ami Professional (\$495). Samna is not only pitting Ami Professional against WordPerfect and Microsoft Word, it is incorporating a number of features that make the program the Swiss army knife of graphics-based word processors.

For example, to create simple line drawings, Ami Professional includes vector-based drawing functions with pattern fill options, so you can edit PIC (Lotus 1-2-3 file format) graphics quickly. In addition...

...ll be able to create simple bar, pie, column, and line charts without leaving the word processor. And if you need to use any of these features on a regular basis, Ami Professional will have its own macro language to record keystrokes as well

as invoke functions to create custom applications. The other major addition to this **word** processor will be scanning options to control direct image scans.

Unlike Ami, Ami Professional includes...

...DDE), the Windows feature that links data from multiple applications programs.

Samna leads the Windows **word** processing field, but faces competition from Beckman Associates' Myriad (\$250), which was scheduled for release...

**27/3,K/7 (Item 7 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01284247 SUPPLIER NUMBER: 07210675 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Hardware assistance. (Atron 386 Source Probe and Periscope III aid in detecting bugs) (Hardware Review) (evaluation)**

Franz, Marty

PC Tech Journal, v7, n1, p58(6)

Jan, 1989

DOCUMENT TYPE: evaluation ISSN: 0738-0194 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4984 LINE COUNT: 00393

... 3 instructions, when the next breakpoint occurs.

The user can set hardware breakpoints on reading, **writing**, or instruction fetches from several address ranges; on any activity to a range of I...

...the interrupt is acknowledged, but before the interrupt handler gets control. The user also can **specify** a **sequence** of several events that must occur in a specific order before a breakpoint is taken...

**27/3,K/8 (Item 8 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01211040 SUPPLIER NUMBER: 06073355 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Finally, integrated software for the PC: the complete Works from Microsoft. (Software Review) (evaluation)**

White, Ron

PC Week, v4, n44, p139(3)

Nov 3, 1987

DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2302 LINE COUNT: 00177

... the venerable ProKey program, adapted to run only with Works.

Its primary function is to **record** frequently used **keystrokes** so that they can be replayed at a later time by pressing a single key.

Using the program, an entire **series** of menu **selections** can be assigned to a single keyboard macro.

Although it is not as powerful as...

...poor use of the screen display. A specific complaint is that the cursor in the **word** processor is a thin line in the middle rather than at the bottom of the...  
...space.

It is difficult to find--and virtually impossible to locate when imposed on such **letters** as "m," "w" or "e."

Curses--Foiled Again

The ability of the spreadsheet and database...

27/3,K/9 (Item 9 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

01209105 SUPPLIER NUMBER: 06015980 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**PFS: Professional Plan. (Software Review) (1-2-3 challengers) (evaluation)**

Falkner, Mike

PC Magazine, v6, n18, p116(2)

Oct 27, 1987

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1402 LINE COUNT: 00101

... be shown in the view. In the same areas where you place the +, you can **specify** sort **sequences** and reorganize the view, again without changing the original spreadsheet.

Plan lets you **print** the entire spreadsheet or **print** a specific view in which you tell the program which columns or rows to **print**. This feature gives you more flexibility to customize **printed** reports than you get from 1-2-3. **Printer** codes, headers and footers, and other features are handled in Plan's **print** routine.

Unlike 1-2-3, macros are stored in a separate file and executed like a batch file. You can create macros by **recording keystrokes** or by using the macro editor, a mini **word** processor. You simply type them as you would a document, and Plan writes them to...

27/3,K/10 (Item 10 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01208657 SUPPLIER NUMBER: 06142172 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**III Plus time bomb. (Power user)**

Nichols, Darryl

PC Magazine, v6, n21, p477(3)

Dec 8, 1987

ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 214 LINE COUNT: 00016

Microsoft **Word**'s spelling checker is fine for checking entire documents, but it is not designed to handle individual **words**. For a fast check of a single **word**, use the Escape Library Run command and type **WORD**-FIND at the prompt. The wildcard characters ? and \* will let you look for patterns as well as for whole **words**. Once the matching **words** are displayed, hitting the Return key will put your document back onscreen. To

save additional **keystrokes** , you can rename the utility WORDFIND.COM to WF.COM.

Jim Levitt

Wolverton, Minnesota

Information about WORDFIND is buried in Appendix F of the **Word** reference manual under "Additional Spell Tools," and once found, the explanation is geared toward finding **words** for filling in crossword puzzles. But as a more general **writing** tool, you can use WORDFIND's **pattern** matching feature to **determine** the proper ending of a root **word** , for example. (Is it chargeable, chargeble, or chargable? Look up charg\*.)

An even better way to **save keystrokes** is to define a one-keystroke macro in ProKey, SuperKey, or the like to call...

**27/3,K/11 (Item 11 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01177729 SUPPLIER NUMBER: 04316847 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Flat-file databases. (Software Review) (evaluation)**

Krasnoff, Barbara

PC Magazine, v5, n14, p269(23)

Aug, 1986

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 13991 LINE COUNT: 01070

... records; Enter Data; Query File, which selects records with If-And-Or logic, displays or **prints** records, totals values, and performs calculations on two numeric values; and Copy File for cloning, reformatting, and converting files from BASIC, **TEXT** , or DIF files to indexed and direct files. From a window on each module's...

...displayed. For example, in the define fields screen, commands include help, insert field, erase field, **print** definition, return, and cancel. To **save keystrokes** , you select menu choices, functions, and data filenames by rotating your choices for a particular...

...of PDS Data tasks to carry out the job. Creating and running a procedure stores **sequences** and saves **options** such as record and field selection. With the procedure feature, for instance, you could define, sort, and **print** an expense file. If you want to enter some information manually or check something during...

**27/3,K/12 (Item 12 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01177485 SUPPLIER NUMBER: 04470909 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Asynchronous communications: shopping for software. (Software Review) (evaluation)**

Stone, M. David

PC Magazine, v5, n18, p126(41)

Oct 28, 1986

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 25454 LINE COUNT: 01953

... modem setting, or 'Other.' SETUP also configures PFS:Access to work with your printer and **monitor** .

The main menu includes six predefined services: AT&T Mail, CompuServe, Dow Jones News/Retrieval...

...Access's best feature is its 'learn' mode for recording auto-log-on sequences. You **simply** indicate to **the** program that you want to create an automatic sign-on for a given service and...

27/3,K/13 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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02879620 SUPPLIER NUMBER: 04317532 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Flat-file databases. (Project database II, part 2; computer programs) (evaluation)**

Krasnoff, Barbara; Brown, Deposito; Dudek, Virginia; Dyar, Christina; Goldberg, Cheryl; Lewis, Janet; Puglia, Vincent; Ridington, Dick  
PC Magazine, v5, p269(23)  
Aug, 1986

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 13991 LINE COUNT: 01070

... records; Enter Data; Query File, which selects records with If-And-Or logic, displays or **prints** records, totals values, and performs calculations on two numeric values; and Copy File for cloning, reformatting, and converting files from BASIC, **TEXT** , or DIF files to indexed and direct files. From a window on each module's...

...displayed. For example, in the define fields screen, commands include help, insert field, erase field, **print** definition, return, and cancel. To **save keystrokes** , you select menu choices, functions, and data filenames by rotating your choices for a particular...

...of PDS Data tasks to carry out the job. Creating and running a procedure stores **sequences** and saves **options** such as record and field selection. With the procedure feature, for instance, you could define, sort, and **print** an expense file. If you want to enter some information manually or check something during...

27/3,K/14 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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02879410 SUPPLIER NUMBER: 04473943 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Asynchronous communications: shopping for software. (communications software) (evaluation)**

Stone. M. David; Barr, Christopher; Brown, Bruce; Bryan, Marvin; Davis, Stephen Randy; Harts, Bill; Helliwell, John; Johnston, Christopher  
PC Magazine, v5, p126(41)  
Oct 28, 1986

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 25454 LINE COUNT: 01953

... an acoustic modem setting, or "Other." SETUP also configures PFS:Access to work with your **printer** and monitor.

The main menu includes six predefined services: AT&T Mail, CompuServe, Dow Jones...

...menu.

PFS:Access's best feature is its "learn" mode for recording auto-log-on **sequences**. You simply **indicate** to the program that you want to create an automatic sign-on for a given...

**27/3,K/15 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01169458 Supplier Number: 42240861 (USE FORMAT 007 FOR FULLTEXT)  
**Ultra Low-Cost 20-MHZ Arbitrary Waveform Generator Includes 16 Standard Functions**

News Release, p1

July 25, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 765

... makes the 2202A ideal for production test and laboratory applications is its battery-baked 32k- **word** memory. Because the memory is battery-backed, it can be used to store waveforms and settings and even complete test sequences. These sequences can be **stored** and recalled using either simple **key strokes**

on the front panel, or remotely via a personal computer.

The front panel of the...

**27/3,K/16 (Item 2 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01059692 Supplier Number: 40237360 (USE FORMAT 007 FOR FULLTEXT)  
**NEW DIAGNOSTIC SOFTWARE TOOLS FOR THE IBM (R) I/O CHANNEL**

News Release, p1

Dec 16, 1987

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 600

... events, and rearm the DW300.

- A new Save and Restore feature allowing the user to **save** a sequence of DW300 diagnostic **keystrokes**, which can be recalled later by pressing the designated function key. Multi- **keystroke** trigger sequences can thus be **stored** for later use in monitoring channel

events.

- A new trace buffer memory conversion feature allowing the recorded channel events to be displayed in readable **text** format. The user can search for a **specified** Bus and Tag **pattern** within the recorded channel events. At the detected pattern's memory address, the user can...

...through the recorded channel events to analyze the channel activity.

- A new interactive Channel Command **Word** (CCW) disassembler providing the user with the option of reconstructing the CCWs and data patterns that generated the recorded channel traffic. The disassembler produces a **text** file that may be reassembled using the Data/Ware PACE Channel Emulator's CCW assembler...

**27/3,K/17 (Item 3 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01048235 Supplier Number: 40122591 (USE FORMAT 007 FOR FULLTEXT)  
**Loveland adds planned-maintenance scheduling, word processor compatibility, and a 1-psi calibrator to its calibration and documentation systems.**  
PR Newswire, pN/A  
July 31, 1987  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 404

... major features are being added to the Loveland System: planned maintenance scheduling (the "Scheduler" report), **word** processor files for Tag IDs (Tag **Text** ), and a 1-psi calibrator to the Smart Calibrator line.

With the Scheduler report, maintenance...

...a calibration schedule and retrieve all data available for the instruments due (or overdue) for **maintenance** , with just a few **keystrokes** .

The Tag **Text** feature ties **word** processor files to Tag IDs in the Loveland data base. Those files can be viewed and **printed** from the Loveland System. Applications for Tag **Text** include recording special calibration procedures, entering comments about individual instruments, and listing detailed information for...

...logic controllers).

Loveland's 1-psi Smart Calibrator is a new addition to the 430 series of **electro**-pneumatic calibrators. With 136K of on-board memory, the



1-psi Smart Calibrator can automate...

**27/3,K/18 (Item 4 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01038813 Supplier Number: 40027399 (USE FORMAT 007 FOR FULLTEXT)

**NEW BASIS SOFTWARE RELEASE SUPPORTS OPEN ARCHITECTURE**

PR Newswire, pN/A

April 15, 1987

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 767

... Scrolling commands let

users view consecutive pages; context character processing is also available for long- text processing. A new global, or "sticky" field capability in the full-screen data entry module saves keystrokes

by

automatically copying commands or information from one field to many records, at the user...

...file names, improved suffix indexing and

support for different character sets that allows users to specify collating sequences .

BASIS, installed at over 800 sites worldwide, is the only modular TIMS that provides fast...

**27/3,K/19 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04135837 SUPPLIER NUMBER: 08027833 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Railroad EDI made easier. (electronic data interchange software for shipment tracing and bills of lading)**

Weart, Wally

Chilton's Distribution, v88, n10, p92(2)

Oct, 1989

DOCUMENT TYPE: evaluation ISSN: 1057-9710 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1156 LINE COUNT: 00091

... and imported into the entry screen. This would be a very useful enhancement and would save some key strokes . The user's manual does not indicate how to select various patterns .

Up to 10 bills can be stored prior to transmission to the railroad. The actual...

...required log-on and password commands. If no errors are detected, the user receives a printout confirming the number of records transmitted. As the acknowledgment is transmitted, the command is sent...

27/3,K/20 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02506917 246306511

**Keying in on the right input device**

Powell, Edwin

Office Solutions v19n6 PP: 34-36 Jun 2002

ISSN: 1529-1804 JRNL CODE: OFS

WORD COUNT: 1593

...TEXT: Voice Pilot, Dragon Naturally Speaking, and IBM's Via Voice allow the user to dictate **text** and issue menu commands by speaking into a microphone.

Users must "train" the software to recognize their speech **patterns** by reading **selected** passages of **text** into the microphone, but the system is far from perfect. Even when users speak slowly and distinctly, the software can have difficulty accurately interpreting **words**. Also, some regional dialects are more troublesome than others. Although voice interface technology shows significant...

...usually thought of as a tool for capturing graphic images, it also can be a **keystroke saver** when used with optical character recognition (OCR) software. OCR identifies **text** characters and saves them in a **text** file to be edited with a **word** processor. Like voice interfaces, this technology can be hit-or-miss. Many factors can affect...

27/3,K/21 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire

(c) 1999 Business Wire . All rts. reserv.

0098593 BW630

**ASHTON TATE: Ashton-Tate ships Full Impact; second generation graphic Macintosh spreadsheet**

July 29, 1988

Byline: Business Editors/Computer Writers

...area used to assemble presentation materials, enables the user to combine spreadsheet data, paragraphs of **text**, charts and additional graphics to create high-quality presentations. Along with **pattern selection**, the product supports line, rectangle and oval drawing within the spreadsheet. Multiple fonts allow the...

...effective presentations. Users also can preview up to 64 pages of a document prior to **printing** via Full Impact "reduce mode."

**Sophisticated Macro Capability**

The product's macro capabilities include the ability to create both local and global macros and a **record** mode allowing users to **record keystrokes** to create macros; the ability to assign user-defined macros

to user-created icons to...

**27/3,K/22 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2007 CMP Media, LLC. All rts. reserv.

01104713 CMP ACCESSION NUMBER: WIN19961001S0139

**Explore Your Options - Win95's not bad right out of the box, but you can make it perfect with these great add-ons.**

Lenny Bailes

WINDOWS MAGAZINE, 1996, n 710, PG221

PUBLICATION DATE: 961001

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Feature

WORD COUNT: 2068

... print simultaneously. Turbo Browser's PrintQ can hold and manage documents associated with various programs, **printing** them all without generating **printer** time-outs or crashing the system. Similar queues are included for zipping and unzipping, bitmap in file viewers let you display a wide variety of **word** processing, database, spreadsheet, vector and bitmap file types. You can also play Windows Video, Wave...

...launching Win95's Media Player. The Autoview feature allows you to inspect and play several **specified** files in **sequence**.

The included **archive** manager requires multiple **keystrokes**, is not integrated into the file display window and has no drag-and-drop support

...